

GRAIN & FEED JOURNALS CONSOLIDATED

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A Merger of Grain Dealers Journal, American Elevator & Grain Trade, Grain World and Price Current-Grain Reporter



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Directory of the Grain Trade

In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

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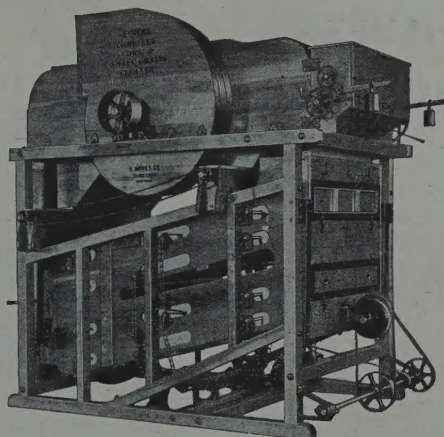
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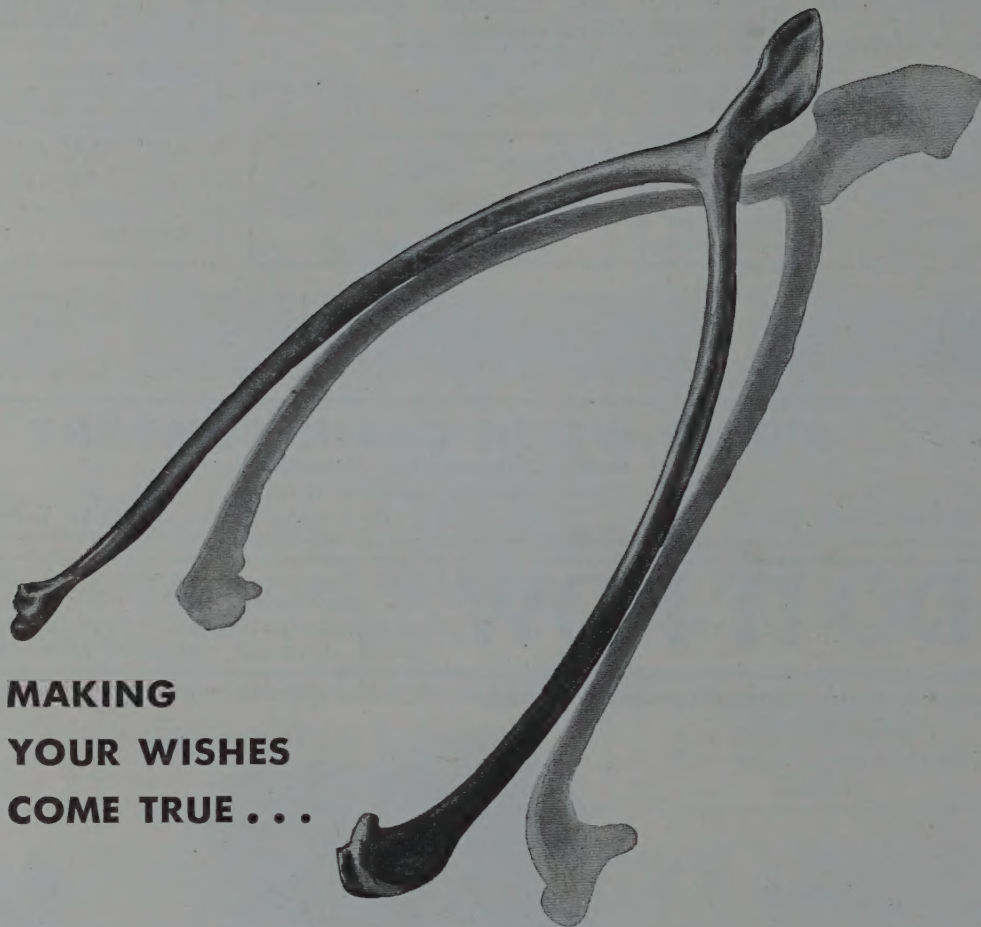
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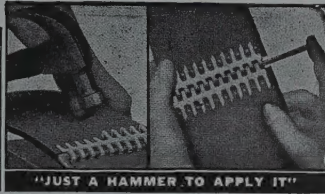
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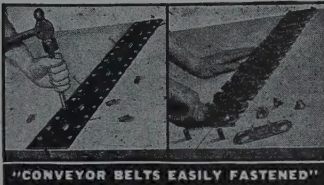
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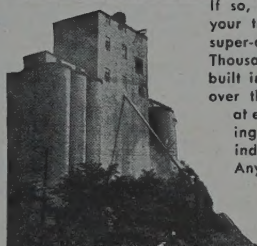
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FOR SALE—10,000 bu. grain elevator and 3 feed warehouses, completely equipped with 2 grain and seed cleaners, hammermill, 2 feed mixers, feed conveyor and piler, grain loader and blower, corn sheller and cob blower, corn cracker, 2,000 bu. steel corn crib, office and testing equipment, located on main track CM&St. P&P Ry. siding. Quick possession. Reeseville Elevator Co., Reeseville, Wis.

FOR SALE—Have a number of good going country elevators for sale in Ohio, Indiana or Illinois. Some will pay for themselves in one year good management. Owned mostly by older men wanting to retire. If you want to buy, see or write us your needs. Availability of most of our plants not publicly known. Mid-West Business Exchange, 121 W. Garro St., Plymouth, Ind.

ELEVATOR WANTED

WANTED—Do you want to retire? Will be out of service in 60 days. Want to buy or lease well-equipped elevator handling grain, feed, coal, seed. Give complete details and average earnings past 5 years. Address 93V1, Grain & Feed Journals, Chicago 4, Ill.

WANTED—To Buy or lease country elevators at good shipping points in Illinois, N.W. Indiana, Iowa, Nebraska, Kansas, N.W. Missouri, Oklahoma, Texas and Eastern Colorado. Address 93U13, Grain & Feed Journals, Chicago 4, Illinois.

WANTED—Want to buy good grain elevator business including feed, coal and seed sidelines. Will pay cash. Prefer No. Indiana, Ohio, Illinois or So. Michigan. State full details. Address 93T13, Grain & Feed Journals, Chicago 4, Ill.

FEED MILL FOR SALE

FOR SALE—East cent. Iowa, new building, 100 ft. RR side track, double track railway, Chicago, Omaha. Branches north and south. Paved highways all directions. Large trade territory. Town 3,500 pop. No competition. Feed man can make \$25,000.00 a year as feed mill. Price two-fifths cost. Owner too old, has too much else to do. Should have retired five years ago. Address 93V4, Grain & Feed Journals, Chicago 4, Ill.

FEED MILL & ELEVATOR

FOR SALE—Three city lots, large two story building, heavily reinforced for handling grain, two grain elevators, corn sheller, hammer mill, ton mixer, burr mill, corn cutter and grader, five electric motors, two seed cleaners. Bargain if sold at once. Ray Gregg, Wayne City, Ill.

FOR SALE—Fully equipped Feed and Corn Meal Mill, building, machinery and 15,000-bu. elevator, two railroad sidings, lots of corn and hay now available, been operated long time, only mill doing custom grinding, close to Florida, very little feeds raised in Florida. Sales over \$180,000 last year. W. G. Bulloch, Phone 236, Valdosta, Ga.

FEED MILL OR WAREHOUSE WANTED

WANTED—To Rent or Buy a feed mill or warehouse located near railroad tracks in northwestern Iowa. Address 93U11, Grain & Feed Journals, Chicago 4, Ill.

BUSINESS OPPORTUNITY

FOR SALE—Excellent Mill Site. The Soy Bean center of the world—30 acres at crossing of the Illinois Central Railroad and the Belt Line. W. R. Schroeder, Realtor, 137 East Main Street, Decatur, Ill.

FOR SALE—Wholesale and retail feed and seed store, 20,000 bu. grain capacity, grinder and mixer, seed cleaning machinery, storage space for 20 cars feed and seed. H. E. Kiger & Son, Alexandria, Minn.

FOR SALE—Grain elevator business. Priced reasonable. Good grain territory. Handling Grain, Feed, Seeds, Coal and Hulling. Good prosperous community, town of 900 population. Danish settlement. H. L. Danielson, Newell, Iowa.

BUSINESS OPPORTUNITY—If you have experience in the country elevator business and are ambitious to own your own plant, we have one to fit most any sized investment. Located in Indiana, Illinois, Ohio, or Southern Michigan. Many are bargains. Write Mid-West Business Exchange, 121 W. Garro St., Plymouth, Ind.

FOR SALE—24,000 bu. Elevator, Feed and Coal. Old established business that has made money over a long period of years. All electric equipment, Hammermill, Feed Mixer, Oat Huller, Corn Sheller, Cleaner. Located at excellent grain shipping point in northern Indiana. Ideal location for large milling business. M. B. Raub, Chalmers, Ind.

FOR RENT

FOR RENT—25,000 bu. concrete grain storage tank. Penn-Ill Central RR's switch track. J. M. Allen, Federal Bldg., Decatur, Ill.

HELP WANTED

HELP WANTED—Manager. Must have college education and knowledge of bookkeeping. Seed-Feed Company, Chattanooga 8, Tennessee.

HELP WANTED—Combination Traffic and Office Man for North Texas Grain Elevator in town of 20,000. Chance for advancement. Comfortable living conditions, pleasant associates. Address 93V9, Grain & Feed Journals, Chicago 4, Ill.

WANTED—Experienced Grain Inspector able to qualify for federal license on all grains. Permanent location in Kentucky. State salary expected. Address James P. Haynes, Secretary, Grain Committee, Louisville Board of Trade, 421 W. Market Street, Louisville, Kentucky.

HELP WANTED

HELP WANTED—Experienced grain elevator and feed plant foreman in Muskogee, Okla. Address 93U1, Grain & Feed Journals, Chicago 4, Illinois.

HELP WANTED—Experienced Corn Miller. Thirty-barrel capacity mill. Permanent position. Good salary. Humphreys Mills, Memphis, Tennessee.

HELP WANTED—An experienced houseman for large country elevator, also an assistant. Must have had several years experience and capable of handling large volume of grain of all kinds including ear corn. Excellent salary to the right man. Address 93V18, Grain & Feed Journals, Chicago 4, Ill.

HELP WANTED—An expert bookkeeper or accountant for line elevator company. Must have had several years experience and furnish the best of references. Country grain elevator experience absolutely necessary. Excellent salary and working conditions. Address 93V17, Grain & Feed Journals, Chicago 4, Ill.

GRAIN TRADER WANTED—Excellent opportunity for a man who has had experience merchandising grain in carload lots and buying and selling with country shippers. All inquiries will be kept strictly confidential. Your ability determines your earnings. Please give full particulars in first letter. Our expansion program necessitates we act quickly as possible. Texas firm. Address 93R4, Grain & Feed Journals, Chicago 4, Ill.

HELP WANTED—An elevator manager of high caliber for large country station handling large volume of grain. Must have had several years experience, a good mixer with the producer, and an expert bookkeeper. Will not be required to keep books, but must have thorough knowledge of same. An excellent salary will be paid to the right man. First class references will be required. Address 93V16, Grain & Feed Journals, Chicago 4, Ill.

HELP WANTED—Paying side line for salesmen calling on grain elevators, feed and hardware stores. Take orders for LENZ RED SQUILL RAT PASTE. Kills only rats. Men, it's a dandy, makes a bait rats positively will take. Has a greasy fatty taste that pulls the rats to it when used on bread. For 8 years sold in Illinois with outstanding results. NO INVESTMENT or stock to carry by the salesmen. Our plan is sound and satisfactory all around. Salesmen collect their commission from the buyer. We ship the order and collect the balance COD. We pay the postage in 2 dozen lots. The dollar size costs the dealer \$7.00 per doz. LENZ LABORATORY, SYCAMORE, ILLINOIS.

SITUATION WANTED

SITUATION WANTED—As manager of grain elevator. Many years' experience in all lines, including lumber. Thoroughly reliable. Go anywhere and come at once. Address 93U16, Grain & Feed Journals, Chicago 4, Ill.

MACHINES FOR SALE

CORN CUTTER & Grader—has motor—used very little. 91N8, Grain & Feed Jrnls., Chicago.

FOR SALE—New Steinlite Moisture Tester, \$250.00. Wrigley Grain & Lumber Co., Toulon, Illinois.

FOR SALE—Jay Bee Hammermills—New and Rebuilt—stationary and portable. Jay Bee of Texas, Dallas, Texas.

FOR SALE—New fan cooled motors in stock, 5 HP, 7½ HP, 10 HP, 15 HP, 60 HP, 75 HP and 100 HP, 1800 RPM, for prompt shipment, also new explosion proof and regular hand compensators. D. E. Hughes Co., Hopkins, Mich.

BATES
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COARSE GRAIN
MERCHANDISERS & BROKERS
Board of Trade Bldg. Kansas City, Mo.

MACHINES FOR SALE

FOR SALE—1500 used 18" grain elevator buckets, also Grundleir 16-40 Aristocrat Peerless Grinder. 136 Coit St., Irvington, N. J.

For Sale—New and used hammer mills; also other milling equipment. H. H. Hussey, Box 162, Albert Lea, Minn.

FEED MIXER—one-ton—floor level feed—has motor good as new. Write 91N9, Grain & Feed Journals, Chicago 4, Ill.

FOR SALE—Used Tag-Heppenstall moisture testers. Seedburo Equipment Company, 620 Brooks Bldg., Chicago 6, Ill.

HAMMER MILL with 25-hp. motor and all attachments. Priced to sell. Write 91N10, Grain & Feed Journals, Chicago 4, Ill.

FEED MIXER for sale, has motor, and a late machine. Need space. Will sacrifice. Write 91N11, Grain & Feed Journals, Chicago 4, Ill.

FOR SALE—One Ton Vertical Batch Mixers and one Emerson Cylinder Wheat Separator. J. E. Hagan Mill Machy., Jefferson City, Mo.

FOR SALE—Fairbanks motor; 15 HP, 1200 RPM enclosed, fan-cooled, complete with base, 9" pulley, starter, switch and 30 ft. endless belt. Rock Lake F. U. Elev. Ass'n, Rock Lake, No. Dak.

FOR SALE—Haines one-ton feed mixer complete with motor and drive. Good condition. \$300.00, f.o.b. our plant. Russell Grain Company, Hilliards, Ohio.

FOR SALE—One new No. 13 Western Pit sheller with extra cylinder, 180 ft. New 15" x 5 ply Kingite F. S. Rubber belt. Farmers Elevator Co., Monticello, Ind.

FOR SALE—One Steinlite Moisture Tester, dial type with magic eye. Machine in good condition. Must sell to settle estate. Davenport Elevator, Jacksonville, Ill.

When you are in the market for new or used mill machinery—Electric Motors, or any other equipment, write J. E. Hagan Mill Machinery, 1522 E. High St., Jefferson City, Mo.

FOR SALE—One Fairfield Coal Conveyor, used, 30 ft. long with Electric Motor and Electric Cord, 60 ft. Price \$350.00 at Lakeview. Farmers Elevator Co., Lakeview, Mich.

FOR SALE—Direct Heat Fitz Grain Drier, 50-bu. capacity; one Boss Car Loader; one 4-bu. Richardson Automatic Grain Scale; one Fox Hay Cutter No. 224; one Emerson Cylinder Wheat Separator. J. E. Hagan Mill Machinery, Jefferson City, Mo.

FOR SALE—1 General Electric 20 HP. motor, Model 16975, vol. 220, amp. 60, phase 3 slip ring, RPM 1800 type B, with starter box magnetic switch and conduit and drive pulley for motor; also a number of steel pulleys and shafts. R. W. Dilatush, Dayton, N. J.

FOR SALE—Prompt delivery. Stationary Feed grinding plant complete—Hammermill—Mixer & Sheller with Motors & Starters. Portable Hammermill—Shelling & Mixing Plant on Ford Mercury Truck direct connected with Olson Transmission.

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1 Sonander 3-bu. Automatic Scale
Various other items.

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1460 South Second Street Louisville 8, Ky.

FOR SALE—Available January 1946, No. 4 Eureka combined corn and grain cleaner with Buehler drive, capacity 500 bu. per hour, with motor and Tex Rope drive, used short time, too small for our needs. \$600.00. Address 93S15, Grain & Feed Journals, Chicago 4, Ill.

FOR SALE—Blue Streak Corn Cracker with 7½ HP motor, only 2 years old; one ½ ton Fair Deal Mixer, like new; one John Deere Hammer Mill with Buick motor attached; one 30 HP Allis Chalmers electric motor. This equipment sold cheap if taken at once. Farmers Co-op. Elevator Co., Sauk Center, Minn.

MACHINES FOR SALE

FOR SALE—Fairbanks-Morse Y type 15 HP diesel engine. 15" plate Sprout-Waldron attrition feed mill. 10-ton Howe platform wagon scale. All very cheap. Submit best offer. R. A. Jones Co., Osseo (R.F.D. No. 1 to Foster), Wis.

FOR SALE—2 S. Howes drop gear feed packers.

3—No. 1 Invincible ball bearing scourers.

2—No. 1 Invincible ring oiling scourers.

1—No. 441 S. Howes separator.

4—8 by 14 Great Western double roller mills.

General Mill Equipment Company

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FOR SALE—No. 30 Blue Streak Mill 30 HP. Dir. Conn. Motor & Starter. Has perm. magnet. A-1 Shape.

Model 3U Jay Bee. Completely re-conn. 16".

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½ bu. Richardson Automatic Scale. For wheat—fine condition—slightly used. Guaranteed.

20 H.P. Open Type G. E. 3/60/220, 1750 RPM motor. Good—used.

Hand trucks, 2 wheels. 5 bags. Rubber tired wheels, Hyatt bearings. Brand new condition slightly used.

8 cylinder Buick gasoline motor on steel base for power drive. Governor, extend drive shaft.

Just the thing for a feed mill or saw mill.

\$200.00 overhauled. Guaranteed.

Also 5 10-H. P. motors. Used.

6 pair mills, 9x18 two pair wide.

Sprout & Waldron Flour Mills. Very good condition.

J. C. Kintz Co.

505 4th Ave., S. E.

Cedar Rapids, Iowa

Statement of the Ownership, Management, Circulation, Etc., Required by the Act of Congress of August 24, 1912 and March 3, 1933

of Grain & Feed Journals Consolidated, published semi-monthly at Chicago, Ill., for October 1, 1945.

State of Illinois, County of Cook, ss.—Before me, a notary public in and for the state and county aforesaid, personally appeared Charles S. Clark, who having been duly sworn according to law, deposes and says that he is the business manager of the Grain & Feed Journals Consolidated, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation) etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, as amended by the act of March 3, 1933, embodied in section 537, Postal Laws and Regulations, printed on the reverse of this form, to-wit:

1. That the name and address of the publisher, editor, managing editor, and business manager are:

Publisher, Grain & Feed Journals Consolidated, Inc., Chicago, Ill.

Editor, R. R. Rossing, Chicago, Ill.

Managing Editor, Charles S. Clark, Chicago, Ill.

Business Manager, Charles S. Clark, Chicago, Ill.

2. That the owners are: (Give names and addresses of individual owners, or, if a corporation, give its name and the names and addresses of stockholders owning or holding 1 per cent or more of the total amount of stock.)

Charles S. Clark, 327 South La Salle St., Chicago.

D. M. Clark, Chicago, Ill.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages or other securities are: (If there are none, so state.)—None.

4. That the two paragraphs next above giving the names of the owners, stockholders and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company, but also, in cases where the stockholders or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him.

5. That the average number of copies of each issue of this publication sold or distributed, through the mails or otherwise, to paid subscribers during the six months preceding the date shown above is:—(This information is required from daily publications only.)

CHARLES S. CLARK, Business Manager.

Sworn to and subscribed before me this 17th day of October, 1945.

(Seal) Raymond Rhodes, Notary Public.

(My commission expires February 17, 1948.)

MACHINES FOR SALE

FOR SALE—One No. 2 Unique Molasses Mixer, perfect condition, replaced by larger unit. Perfect condition 60 Cye. Motor. Complete except Molasses Gage. Capacity 5 to 10 tons per hour, \$900.00. Verity Mills, Inc., Buffalo 10, New York.

FOR SALE—Bonded Portable Power Bag & Box Stackers. Truck Scales, 15 ton, 22x9 ft. platform, \$440.00. 20 ton, 34x10 ft., \$815.00. 30 ton, 34x10 ft., \$1,040.00. 30 ton, 40x10, \$1,490.00. Immediate deliveries. Write, phone or wire. Bonded Scale Company, 120 Bellview Ave., Columbus 7, Ohio.

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WANTED—One light car puller. Farmers Elevator, Vermillion, So. Dak.

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FOR SALE—15 ton Fairbanks Scale in excellent condition. Can be used as bin or platform type. Henry Field Seed Co., Shenandoah, Iowa.

FOR SALE—One 10-ton Fairbanks Morse platform scale, size 16x8, price \$195.00. Blue print furnished. Gillespie Farmers Elevator Co., Gillespie, Ill.

SCALES WANTED

WANTED—Richardson Automatic Scale, 4, 5 or 6 bu. size for whole grain. State condition and serial number. Schuyler Milling Company, Schuyler, Nebr.

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ELECTRIC MOTORS: We now occupy our fine new shop at 2401 Eleventh Street, Rockford, and are in better shape to serve you on new and used electric motors. Our repair and rewinding facilities have been largely increased and quick service is now available. We continually carry large stocks of motors of 1 H.P. and smaller. Will repair your motors or take them in trade for new or guaranteed reconditioned motors. We offer similar service on Air Compressors and pumps. If interested in new equipment ask us about Goulds pumps, Sullivan and DeVilbiss air compressors, Delco motors and Lima gearshift drives. Our 25th year.

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FOR SALE—Winter Hardy Dakold Rye for fall seeding. Unexcelled in yield in Canada, Montana, North and South Dakota. Limited supply. \$2.65 per bushel, f.o.b. Brookings, S. Dak., sacks free. Geo. P. Sexauer & Son, Box 37, Brookings, South Dakota.

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FOR SALE—Sun cured alfalfa meal. Extra fine ground. Good color. 15% protein. It will pay you to get our prices. L. J. Smith Feed Mill, Blue Springs, Nebr.

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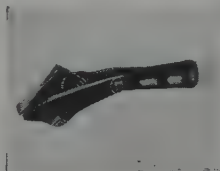
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GRAIN & FEED JOURNALS

CONSOLIDATED
INCORPORATED

327 S. La Salle St., Chicago 4, Ill., U. S. A.
Charles S. Clark, Manager

A merger of
GRAIN DEALERS JOURNAL
Established 1898

**AMERICAN ELEVATOR &
GRAIN TRADE**
Established 1882

THE GRAIN WORLD
Established 1928

PRICE CURRENT - GRAIN REPORTER
Established 1844

Published on the second and fourth Wednesdays of each month in the interests of better business methods for progressive wholesale dealers in grain, feed and field seeds. It is the champion of improved mechanical equipment for facilitating and expediting the handling, grinding and improving of grain, feeds and seeds.

SUBSCRIPTION RATES to United States, Canada and countries within the 8th Postal Zone, semi-monthly, one year, cash with order, \$2.00; single copy current issue, 25c.

To Foreign Countries, prepaid, one year, \$3.00.

THE ADVERTISING value of the Grain & Feed Journals Consolidated as a medium for reaching progressive grain, feed and field seed dealers and elevator operators is unquestioned.

Advertisements of meritorious grain elevator and feed grinding machinery and of responsible firms who seek to serve grain, feed and field seed dealers are solicited. We will not knowingly permit our pages to be used by irresponsible firms for advertising a fake or a swindle.

LETTERS on subjects of interest to those engaged in the grain, feed and field seed trades, news items, reports on crops, grain movements, new grain firms, new grain elevators, contemplated improvements, grain receipts, shipments, and cars leaving grain in transit, are always welcome. Let us hear from you.

QUERIES for grain trade information not found in the Journal are invited. The service is free.

CHICAGO, ILL., OCTOBER 24, 1945

PERPETUATION of wartime controls over prices, wages, production and distribution is threatened thru the unwillingness of individuals to lose their present advantage. The common good demands the sacrifice of the few benefits of control, to achieve the free functioning of an economy that permits production at a maximum. Controls stifle production.

SEVERAL THOUSAND boat builders of New Orleans are disgusted beyond endurance because their employer, weary of unreasonable dictation by contract breakers, has closed all its plants and refused to make any further attempts to continue business. The appeals of the strikers for congressional legislation to revive the business they have heckled to death is so impractical no relief will be granted. In the meantime, the customers of the boat builder and those who supplied it with materials go unsatisfied and private enterprise is strangled to the great cost of all Crescent City merchants and workers.

THE POOR condition of box cars tendered country grain dealers for shipments of grain has resulted in more leaks in transit than usual and made it easier for fake claim collectors to impose on confiding shippers. Better investigate before entrusting any claims to strangers.

REMOVAL of all price ceilings by next Feb. 15 has been recommended to Congress by that organization of hard-headed and practical business men, the National Ass'n of Manufacturers. The Administration plan to ease ceilings for individual producers is impractical and must be abandoned. It will seem to be fair to remove the ceilings also on grains.

A RYE ceiling of \$1.42 set for the 1946 crop by the O. P. A. when the grain is presently selling for \$1.85 per bushel is going to get the price administration into disfavor with the farmers and the farm bloc. Why should new rye be worth so much less than old rye? Why should the Washington administration raise the wages of labor and cut down the farmers' price?

IF YOU fail to write your representatives in both houses of Congress your convictions on pending legislation and neglect to tell them how proposed laws will affect your business, you can not blame them for helping to enact laws that will put you out of business. Many law makers know nothing of your business or the effect of new laws on it. Tell them and they may be glad to help you.

JUGGLING of the equalization fee by the Canadian Wheat Board on oats exported to fit the daily fluctuations in the market price on the Chicago Board of Trade hinders merchants from making forward commitments safely. By manipulating the fee the Canadian government is striving to collect from United States importers the maximum amount the current market will stand, for distribution to the growers of oats in Canada.

THE BUREAUCRATS order the grain warehousemen to expend much time and labor to compile and file with the O.P.A. a complete schedule of all charges for services, altho the O.P.A. has already sufficient information on charges for warehouse services. The trade has protested that this is an unnecessary waste of time and energy; but to no avail. How well the bureaucrat is described in the book by Ludwig von Mises on bureaucrats, when he says: "The bureaucratic system is imbued with a fanatical hostility to free enterprise and private property. It paralyzes the conduct of business and lowers the productivity of labor. By needless spending it squanders the nation's wealth. The outcome is a disintegration of the whole social apparatus. Poverty and distress are bound to follow."

ASSOCIATION representatives at Washington are working manfully for the enactment of the Gwynne bill to limit the time within which an employee could bring suit for overtime wages against an employer who had fully complied with the interpretations of the Wage and Hours Division. By writing their representatives in Congress elevator operators can materially assist in getting the bill thru Congress.

DEALERS who know the feeding value of the different ingredients used in the feeds they sell are in a most advantageous position to give their customers helpful advice, while merchants who have little knowledge of the merits of the feed they sell are handicapped by ignorance. Developments along the line of profitable feeding have been so great the last decade students of nutrition are succeeding far beyond expectation.

OWNERS of several wood elevators in small country towns not provided with modern fire fighting equipment have been greatly grieved recently to see their property go up in smoke because they failed to provide a bountiful supply of water to encourage the fire fighters of neighboring towns to run over and save their property from the flames. Drainage from the roof of an elevator will keep a large cistern filled with the best fire fighting fluid obtainable.

STATISTICS of grain exports need no longer be withheld from publication since the war is over. It is a crime to hold back the figures on grain exports when their publication would aid our exporters of grain. Canada and South America are making these clearances available, and it is difficult to understand why the Department of Commerce is dilatory, especially since the Department in its foreign commerce weekly of Oct. 9 stated as first on the immediate program to meet reconversion requirements "The release on a current basis of detailed import and export statistics to facilitate the resumption of normal foreign trade."

EXPORTERS of grain in the United States will do the largest volume of business in 15 years if the government will take off its controls. It is estimated that of wheat alone the foreign countries will need at least 325,000,000 bus. from the United States. Cheapening of the United States paper dollar has made it easier for foreigners to buy American wheat. Before our former president tampered with the dollar it was worth at the rate of \$20.67 per ounce of pure gold. Presidential decree devalued it to \$35 per ounce, and now in some foreign countries an ounce of gold will buy \$80 in United States paper money. In other words, the foreigner can buy three bushels of wheat with what he formerly paid for one bushel. Where he paid \$1 per bushel formerly he can now afford to pay more than \$3 in American paper dollars.

The Box Car Famine

Altho trunk lines have ordered many thousand box cars, the strike of Atlantic seaboard longshoremen delayed the unloading of cars to the disadvantage of everyone concerned. The railroads are anxious to use their box cars for transporting freight and surely the grain shippers of the surplus producing sections are doing their best to load cars promptly and get their grain to market while the demand is strong.

The marked increase in demurrage charges should encourage every grain receiver to unload each car promptly and thereby escape the assessment of a demurrage charge for a fourth day and each succeeding day for \$16.50 per car. The large crops in the spring wheat district, the amazing harvest of corn and grain sorghums in different sections have taxed the available supply of box cars so that everyone concerned is now exerting himself to load and unload box cars quickly so as to help relieve the urgent demand for more and better box cars.

The O.D.T. evidently overlooked the unnecessary accumulation of box cars in the east; and now eastern lines are ordered to return to western owners at least 2,500 box cars per week until the supply of western railroads have been supplemented by 10,000 cars from the east. Even the large storage elevators of Buffalo are almost choked and lake steamers have been unable to discharge cargo promptly and get back to western lake ports for another load before ice forbids navigation.

The railroads have been credited with moving more grain and grain products during the first forty weeks of the new crop year but still the movement is handicapped by excessive offerings. Even the C.C.C. which is trying to ship a lot of its heavy purchases for lend-lease relief of European sufferings has not been able to obtain box cars for immediate loading. When wood and steel become more easily obtainable, no doubt, the car builders will be able to fill many of their old orders and relieve the box car famine.

Until box cars are more easily obtainable, shippers will naturally refrain from contracting early delivery. Some mills are without wheat to grind altho they have orders for flour and shippers generally are anxious to turn their grain into cash, the scarcity of box cars has delayed and handicapped the grain trade thruout the land. Grain receivers have been charged with laxity in unloading grain and thus contributing to the scarcity of cars thruout the grain belt, but the inability of the country shippers to obtain empty box cars has prevented an unusual movement to the terminal markets.

While the complaints of would-be shippers have done much to stimulate the interest of the O.D.T. and the trans-

portation officials in prompter handling of all unloaded cars, it now seems certain that the situation will be relieved before ice and snow interfere with all transportation.

The intensified box car shortage is due in part to the change to the 40-hour week according to the superintendent of transportation of the Santa Fe, which has increased the turn-around time an average of 1.9 days per car. This being true, no relief can be expected until traffic falls off or more cars are built.

Equalization Fee vs. Export Bonus

The method of the Canadian government in handling exports of oats is in striking contrast to the method of the United States in handling exports of wheat.

The Canadian Wheat Board has a sliding scale of the equalization fee, changed from day to day, to be paid into the Dominion treasury by United States importers of Canadian oats. Monday, Nov. 12, this fee was raised four cents per bushel to 34 cents. The proceeds of this tax on the foreigner are earmarked for distribution to the growers of oats in Canada.

In other words the Canadian government is not holding down the ceiling on the price of oats for the benefit of foreigners buying oats, but for the good of the citizens of Canada.

The higher the price of oats goes in the United States the higher goes the equalization fee, correspondingly, the Canadian fee setter apparently having one eye on the blackboard quoting the price of oats futures on the Chicago Board of Trade.

In the United States, on the other hand, the Administration pays the foreigner who buys American wheat. For many years we had a bonus paid on wheat flour shipped from the Pacific Coast to the Philippines or China. The question whether the wheat should go out as whole grain or milled into flour is of great interest to American millers. The foreigners prefer the whole grain for the sake of the millfeed.

However the payment is made, the principle of a bonus for export of wheat is bad. It leads Argentina, Canada and Australia to believe we are trying to cut them out of their market for wheat. It adds to the burden of the United States taxpayer. It does not benefit the American wheat grower, whose price is set by the O.P.A. ceiling.

FIFTY-TWO hours' pay for 40 hours' work should have its scope enlarged to include the grain buyer instead of being limited only to members of militant labor unions. The higher cost of living also affects the grain merchant, who is entitled to a wider margin to meet increased expenses and the cost of extra capital needed to buy high priced grain.

Western Grain & Feed to Have Big Convention

By MARK G. THORNBURG, Executive Sec'y
The 46th annual convention of the Western Grain and Feed Ass'n will be held at the Fort Des Moines Hotel, Des Moines, Ia., on Nov. 26 and 27. This is the first time for three years that we will have had more than a one-day convention, due to the war conditions. We are hoping that this year we can celebrate a double victory—the winning of the war and the association's meeting its goal of one thousand members by convention time.

We are glad to announce that the guest speaker at the annual dinner will be Major General I. D. White, who at present is Commandant at the Cavalry School at Fort Riley. General White will be remembered as Commander of the Second Armored Division, better known as the "Hell on Wheels Division" in the campaign across France, Holland, and into Germany.

We will have our regular annual dinner the evening of Nov. 26—an evening of relaxation and entertainment.

One of the well-known speakers you will all be anxious to hear is James L. Welsh, former president of the Grain and Feed Dealers National, also vice president of the Farm Crop Processing Corporation of Omaha, and a well-known grain dealer from that city.

Mr. J. Howard Roach of Plainfield, Ia., pres. of the American Soybean Ass'n, is going to discuss soybeans and their possibilities in the postwar period. There is no one better qualified to discuss this subject.

Ray Bowden, executive vice pres. of the Grain and Feed Dealers National, is in very close touch with what is developing and comes to us from the national capital. The convention would not be a success without Ray's telling of happenings in Washington.

Another speaker that you will be glad to hear is Dr. Pierre, head of the Agronomy and Soil Department at Iowa State College. He will discuss fertilizers.

Some of our members have heard Professor P. E. Miller, head of the Agricultural Extension Department of the University of Minnesota, discuss the cooperation of the grain and feed dealers with the farmers and colleges. The Association is fortunate in securing Mr. Miller because he has a real message.

Professor P. S. Shearer, head of the animal industry department, will discuss the subject, "Some Feeding Problems for 1945-46." Professor Shearer was one of the group of college men who worked with the Feed Industry Council.

Dr. R. M. Bethke, in charge of nutrition investigations at Ohio University, has consented to be with us again this year. He is one of the outstanding animal nutritionists in the United States. We are indeed fortunate to have him again on our program.

Another outstanding speaker who is doing a good job at Washington for the grain and feed industry is Walter Berger, chief of the Feed Management Branch of the Department of Agriculture. With the present tight situation on grains and feed ingredients, Walter will have a message of importance to the entire industry.

Last year we had the pleasure of presenting Dr. R. E. Phillips, the new acting head of the poultry department of Iowa State College. This year Dr. Phillips is going to discuss "Iowa's Poultry Industry and Your Business."

Dr. Vanderloo, president of the Iowa Veterinary Association, will appear on our program and tell us how we can better cooperate with each other and discuss some of the disease problems.

MARSHALLTOWN, IA.—The Robinson Seed Farm grew Clinton oats under contract this year with the committee of agricultural development of Iowa State College. No lodging occurred in this field.—O. E. J.

Will Pay Foreigners to Buy U. S. Flour

To encourage exports of flour, the Department of Agriculture has issued an order offering to make subsidy payments to exporters who are domestic representatives of foreign buyers in connection with the exportation of flour milled wholly from wheat grown in the continental United States.

This offer is made in connection with the wheat flour export program (Fiscal Years 1945 and 1946), as amended, and payments made under this offer shall be disbursed from funds previously made available for such program. Reference to the announcement by the War Food Administrator in previous findings in connection with the wheat flour export program and in the designations of representatives in connection with such program shall be deemed to include this offer.

Farm Buro Buys Old Grain Firm

Crabbs Reynolds Taylor of Crawfordsville is one of the oldest firms of the Hoosier state handling grain and field seeds. During its many years in business it has traded with thousands of grain growers and hundreds of grain and seed dealers in central markets yet stands high in the estimation of its customers and competitors, all of whom regret to see it celebrate its sixty-fifth anniversary by quitting.

Announcement was made recently of one of the most important business changes in the history of the grain and seed trade. The stockholders of Crabbs Reynolds Taylor Co. have sold their holdings to the Indiana Farm Bureau Cooperative Ass'n, Inc. The purchaser assumed management Nov. 1st, and will allocate the properties to the local cooperatives in the several counties where plants are located. The sale involves \$750,000.

The present directors of Crabbs Reynolds Taylor Co. will step aside and their places be filled by the new owner of the stock. Present employee personnel desiring to continue with the new management will be retained. There is no change in the corporation other than the ownership of stock and the management. The business will continue as Crabbs Reynolds Taylor.

Crabbs Reynolds Taylor Co. was founded in 1880 by Benjamin F. Crabbs, father of Tully C. Crabbs. A. E. Reynolds became associated with Mr. Crabbs in 1883. The enterprise grew rapidly, and in June 1904 was incorporated. Of the original stockholders and incorporators only T. C. Crabbs and Clyde C. Wheeler, present manager of the Reynolds plant, are living.

The company has 15 Indiana elevators located at Crawfordsville, Ash Grove, Battle Ground, Cherry Grove, Crane, Francesville, Linden, LaFayette, Reynolds, Riverside, Smithson, South Raub, Taylor, West Point and Wingate. There is included also the feed manufacturing plant at LaFayette and the seed processing plant at Crawfordsville.

The company also has interests in a hatchery and does an extensive business in lumber, building supplies, coal and retail feed products and seeds at its various elevators. At present 80 employees are in the organization. Many of these have been associated with the Company upwards of 30 years.

The Company has developed and maintained one of the largest field seed enterprises in the United States. Before the war it imported heavily from foreign countries; and its buyers covered many states.

T. C. Crabbs, President, has been connected with the Company over 50 years. This company has always had the highest rating in standards of fair dealing and efficiency and its outstanding success is one of the prides of Crawfordsville. Mr. Crabbs and C. B. Dunnington will be connected with the company, at least temporarily, in adjusting the affairs into the hands of the purchaser.

O.P.A. Enforcement

FREDERICK, OKLA.—Carl Cassidy, doing business as the Cassidy Grain Co., is charged by the O.P.A. with buying and selling alfalfa seed above the ceiling price.

OPA Asks Treble Damages

Stafford, Kans.—The OPA recently filed one of the largest suits of its kind in Kansas when it asked treble damages totaling \$3,929.04 for alleged overcharges on alfalfa seed by Aaron Sell, operator of the Alfalfa Valley Seed Co., the Alfalfa Farmers Seed Co. and the Stafford Hardware and Implement Co. The suit was placed on record in the second division of the U. S. district court.

The petition charges that Sell sold 43,656 pounds of alfalfa seed at three cents per pound over the established ceiling price. The suit also charges failure of the defendant to maintain records in accordance with government regulations and seeks a mandatory injunction requiring him to conform with this provision. —G. M. H.

Rye Marked "For Feed" May Contain Bindweed

It has been reported to the Arkansas State Plant Board that one or more seedsmen in Missouri are shipping rye into the state which contains field bindweed, tagging the bags "For Feed." The Arkansas law prohibits sale of planting seed which contains field bindweed, and by marking the contaminated rye in this way the seedsmen complies with the letter of the law and thus keeps himself in the clear. In all probability, however, farmers will buy some of the seed for planting purposes even though labeled in this way, and the pest will thus be introduced into the fields.

Farmers are warned therefore against using any seeds for planting purposes which do not have analysis tags.

Field bindweed is considered one of the worst of all noxious weeds. Kansas and neighboring states have spent millions of dollars in the last few years in an effort to control it. It is not as yet widely distributed in Arkansas and by preventing sale of planting seed which is contaminated with it, the Plant Board hopes to keep it from becoming a serious pest in the state.—Paul H. Millar, chief inspector.

Dock Strike Reduces British Imports

By WM. McNULTY

Statements made in England by R. V. Bid-dulph, European commissioner for the Canadian Wheat Board, that shipments of grain, chiefly wheat, to the British Isles this winter, from Canada must be cut owing to it being "almost impossible to transfer wheat to ports hundreds of miles north and south", have been challenged by the city councils, mayors and port managers of St. John, N. B. and Halifax, N. S. The dock strike at British ports had been responsible for a reduction of grain imports into England.

Officials of the ports of St. John and Halifax have complained to the Canadian and British governments against what are claimed to be misrepresentations. They claim there are ample facilities at both St. John and Halifax for handling all the grain available for movement overseas and that the only difficulty has been insufficient number of cargo steamers for the Atlantic transportation. The government representatives claim the long rail haul makes handling the grain at St. John and Halifax more expensive than at Montreal, and hence the rush to ship the grain out of that port for British ports before the freeze-up on the St. Lawrence.

Big Claim for Overtime Pay

Harry F. Fornare of St. Paul, Minn., has filed suit in the Hennepin district court against a leading elevator company of Minneapolis asking \$4,700 for overtime, an equal amount for damages, and interest, alleging he was not paid for overtime work as provided by the Fair Labor Standards Act.—P. J. P.

National Flowers

The rose may bloom for England,
The lily for France unfold;
Ireland may honor the shamrock,
Scotland her thistle bold;
But the shield of the great Republic,
The glory of the West,
Shall bear a stalk of the tasseled corn—
The sun's supreme bequest!
Edna Dean Proctor in *The Staley Journal*.

Seed Contract Void

The Supreme Court of Wisconsin on May 1, 1945, decided against the North American Seed Co. in the suit brought against the Cedarburg Supply Co. for breach of contract to sell seeds to plaintiff.

Harvey Zirtzloff, defendant's manager had written in blank spaces on a printed sales slip form; but the court held that the written notations were insufficient to constitute compliance with the statute of frauds requiring a memorandum in writing on contracts of the value of \$50 or more.

Zirtzloff inserted merely his initials "H. Z." under the words "sold by" in a three-eighths by one-half inch space framed off at the left edge of the middle of the sales slip. In the suit both parties were permitted to introduce oral evidence, which showed that Zirtzloff told John Kettenhofen, president of plaintiff, that one lot of seed was owned by one farmer and another lot by another farmer, that he had to get the consent of these farmers before he sold the seed, and it would be sold to the highest bidder, and that if Kettenhofen wanted to make an offer he could.—18 N. W. Rep. (2d) 466.

Settlement Does Not Violate Corn Ceiling

The U. S. District Court of Nebraska on June 10, 1945, dismissed the suit by Chester Bowles, price administrator, against a farmer, W. W. Brannagan, charged with violating the ceiling on corn.

A brother of Brannagan sold corn in a crib to the Nebraska State Hospital at Ingleside, and the men sent by the hospital went to the wrong crib and took defendant's corn that he intended to keep and feed as he had done for 8 years.

In June Brannagan was in Lincoln, Nebr., for dental treatments and did not know what was going on at the farm. His daughter protested the taking of the corn.

When Brannagan got back to the farm he learned that workmen had taken his corn which was badly needed at the institution. While at the hospital to effect a settlement, Brannagan sold some oats and agreed to payment for the corn that had been taken at the ceiling price. He received a check from the state treasurer of Nebraska for \$243.24, which was \$3.91 above the allowable maximum ceiling price, this included payment for the oats. Defendant was unaware of the error.

Judge Delehant said Brannagan could not be prosecuted for a sale as he never sold the corn. The transaction was a settlement of damages.

The government argued that the agreement of a price ratified the earlier wrongful taking and there resulted a sale; but the court held that agreement on that question was not operative to constitute a sale of anything.—60 Fed. Supp. 897.

Letters from the Trade

[The grain dealers' forum for the discussion of grain trade problems, practices and needed reform or improvements. Dealers having anything to say of interest to members of the grain trade are urged to send it to the Journal for publication.]

Low Moisture Content of New Beans

Grain & Feed Journals: Soybeans are beginning to move in volume; Oct. 13 took in one crop which contained 11½ moisture, no weeds in these beans. They were Lincolns. We are getting some beans that are as high as 16½ moisture, but they were off of fields sown broadcast and were very weedy. The frost has not been heavy enough to kill the weeds. If the dealers don't buy these beans worth the money the little old five cent a bushel that the generous government allows us for handling them will sure lose us money, but throughout Indiana the acreage of beans is very much row planted and are fairly free from weeds.—Goodrich Bros. Co., P. E. Goodrich, pres., Winchester, Ind.

Loss of Business Thru Car Shortage

Grain & Feed Journals: The three elevators at this station have been blocked three-fourths of the time during the past 60 days because the C. & N. W. R. R. Co. did not furnish the empty cars in which to load the grain out. This station that has handled as high as a million bushels of grain in a season, has only had about 100 cars on this year's crop. The result is that stations near us on other railroads have taken a lot of our business this year. It looks to us as if the O.D.T. has fallen down badly on its job.—Chas. W. Estee, manager, Estee Elevator Co., Hecla, S. D.

Demand for Feed Ends Buckwheat Flour

Grain & Feed Journals: The old Wautoma mill, operated by Dahlke, Giese & Walker Co., has been grinding rye and buckwheat flour for over ninety years; but 1945 marks the end of this mill's flour production.

The power, machinery, and room reserved for a few months' run on flour can be better used for the steadily expanding feed business.

Eating habits and merchandising methods have changed so greatly, the average small mill found its capacity for production throttled by the packaging and distribution problem. Father and grandfather needed a hearty breakfast to start out the day right. Buckwheat flour was bought in the fall in nothing less than 100 lb. sacks, and the old yeast-set batter was kept going right thru to spring.

Every fall the Wautoma mill received orders from old customers over all the United States for their winter buckwheat flour supply. Our old friend, Mr. E. S. Petty, a banker in Cleveland, Tenn., usually leads the field with his letter requesting the usual amount of flour and his wish to have us let him know when we expect to start grinding and when shipment can be made.

It has been a pleasure to make a worthwhile product that has been so favorably received by the public, and we are sorry to see the end of this activity. But the feed business for the dairy and poultry farmers has grown so great we must give all our time and energy to that one endeavor.—Dahlke, Giese & Walker Co., Wautoma, Wis.

DISTILLERS may use 4,225,000 bus. of grain in November for making whisky and other beverage spirits according to late advices from the Department of Agriculture. The allocation will include an undetermined amount of low-grade corn for making bourbon.

Country Elevator Storage of Soybeans in Iowa

R. E. Walters, regional administrator of the O.P.A. at Chicago, issued an order Sept. 26, effective immediately, that supersedes the provisions of Order No. G-106, as amended, issued under Section 1499.18(c) of the General Maximum Price Regulation, and extends the adjusted prices established thereby for an indefinite period of time. The maximum prices established hereby are for country elevator storage of soybeans in the state of Iowa. For the purposes of this order, "country elevator storage" means storage in elevators or other facilities primarily used for the receiving of soybeans and grains directly from producers in truck or wagon load quantities, the maintenance of soybeans or grain in storage, and the shipment of such soybeans and grains to processors or terminal elevators.

(b) **Maximum Prices.**—Providing the seller of storage services guarantees to make storage facilities available for a period of not less than 5 months, the maximum price for 60 lb. bushel for country elevator storage of soybeans, including insurance, shall be:

1. 6½¢ for any 5-month period of storage or fraction thereof;
2. 1/30¢ for each day after the first 5-month period of storage;
3. 5¢ for in and out handling when such services are actually performed by the elevator.

No charges other than those above enumerated may be added for insurance, handling, grading, turning, loading, unloading, inspecting, or any other service connected with the receipt of soybeans for storage, maintenance during storage period, or delivery from elevator.

(c) **Alternative Maximum Prices.**—A country elevator may accept storage of soybeans on a cubic foot or unit basis other than the basis set forth in paragraph (b) or without committing itself to make space available for 5 months or more as provided in paragraph (b). The maximum price for any storage of soybeans where storage is contracted for on some such other basis shall be the maximum price which the country elevator has established in March, 1942.

for the storage of soybeans, or if the country elevator shall not have stored soybeans in March, 1942, then the maximum price established for the storage of corn.

(d) **Relation to Price Regulations and Other Orders.**—The maximum prices established by this order shall supersede the maximum prices established under the General Maximum Price Regulation and any orders heretofore issued thereunder, including Order No. G-106, as amended, and RMPR 165. Except as herein specifically provided, the provisions of Maximum Price Regulation 586 shall remain in effect.

Coming Conventions

Trade conventions are always worth while as they afford live, progressive grain dealers a chance to meet other merchants from the same line of business under favorable conditions. You can not afford to pass up these opportunities to cultivate friendly relations and profit by the experience and study of others.

Nov. 26, 27. Western Grain & Feed Ass'n, Fort Des Moines Hotel, Des Moines, Ia.

Nov. 28, 29. Texas Seedmen's Ass'n, Adolphus Hotel, Dallas, Tex.

Dec. 6, 7. North Carolina Seedmen's Ass'n, Sir Walter Hotel, Raleigh, N. C.

Dec. 8. Colorado Seedmen's Ass'n, Albany Hotel, Denver, Colo.

Jan. 13, 14. American Seed Trade Ass'n, Palmer House, Chicago, Ill.

Jan. 14, 15. Northwest Retail Feed Ass'n, Nicollet Hotel, Minneapolis, Minn.

Jan. 20. Executive Committee American Seed Trade Ass'n, La Salle Hotel, Chicago, Ill.

Jan. 21. Farm Seed Division of American Seed Trade Ass'n, La Salle Hotel, Chicago, Ill.

Jan. 21, 22. Northwest Retail Feed Ass'n, Nicollet Hotel, Minneapolis, Minn.

Jan. 21, 22. Indiana Grain & Feed Dealers Ass'n, Inc., Columbia Club, Indianapolis, Ind.

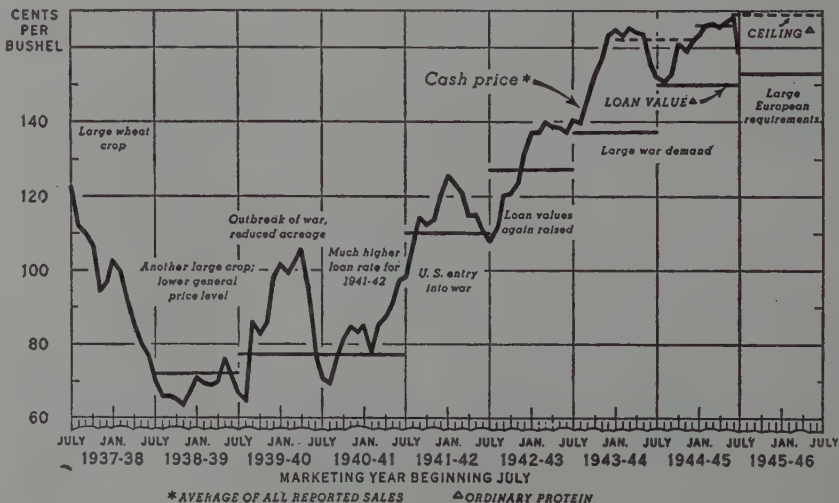
Jan. 22, 23, 24. Farmers Grain Dealers Ass'n of North Dakota, Bismarck, N. D.

Feb. 5, 6. Farmers Grain Dealers Ass'n of Illinois, Pere Marquette Hotel, Peoria, Ill.

Feb. 18, 19, 20. Farmers Elevtr. Ass'n of Minnesota, at the Nicollet Hotel, Minneapolis, Minn.

WHEAT ground by flour mills during July and August amounted to 106,741,360 bus. for regular flour and 6,368,884 bus. for granular flour for alcohol, against 89,012,887 bus. for regular flour and 6,998,007 bus. for granular flour during July and August, 1944, as reported by the Bureau of the Census.

WHEAT, NO. 2 HARD WINTER: CASH PRICE, LOAN VALUE, AND CEILING AT KANSAS CITY, 1937-45



Charted by U. S. Dept. of Agriculture

Asked—Answered

Forms Required for Recording Prices

Grain & Feed Journals: Kindly advise us where we can obtain the special forms required for recording Base Ingredient Prices and Margins in compliance with M.P.R. 585.—J. C. Case.

ANS: We believe you can easily get a supply of these forms by addressing the Grain & Feed Dealers National Association, Merchants Exchange Bldg., St. Louis, Mo.

Production of Sunflower Seed?

Grain & Feed Journals: I would like some information concerning the production of sunflower seeds. I know that in the European countries sunflower seeds were grown and pressed for their oil which was supposed to be a very fine quality oil for cooking.

Now I would like to know if there is anything of this sort done in this country.

Would you please give me what information you can and inform me as to where I might learn further details concerning this?—C. S. Schierman Elevator, Harold Schierman, ass't mgr., Lancaster, Wash.

ANS: References, pamphlets and books on "The Sunflower, Its Cultivation and Uses" have been compiled in a selected list by the U. S. Dept. of Agriculture, as Economic Library List No. 20, a mimeograph of 18 pages.

Geo. S. Jamieson and Walter F. Baughman in the Journal of the American Chemical Society, Dec., 1922, note the long continued commercial importance of sunflower seed oil in Russia, Hungary, India and China. "In Russia it is used for culinary purposes, as a salad oil, and in making butter substitutes, soaps and Russian varnishes. It is stated that in 1911 more than 500 mills in the Caucasus were engaged in pressing sunflower seed and that some of the oil was exported to English refineries. It is reported that this oil is used in the manufacture of the excellent Holland enamels."

Decline in production in the United States is noted due to unsatisfactory prices for the oil.

"Sunflower seed contains from 27 to 30 per cent of oil. The hulls constitute from 46 to 49 per cent of the seeds, so that by removing the hulls prior to pressing, a material very rich in oil is obtained. The press cake is a valuable stock feed, and has been used for many years in Europe." Tables give the chemical composition of sunflower seed oil.

A. F. Sievers, of the Bureau of Plant Industry, U. S. Dept. of Agriculture, in 1940, wrote on "The Sunflower, Its Culture and Uses" discussing briefly the cultivation of sunflower in the United States as a silage crop and as a seed crop. Under the heading of production, chief demand, and prices of sunflower seed he notes that "approximately 95 per cent of the sunflower seed produced in the United States is grown in Missouri, Illinois, and California. The largest crops on record (since 1919) were harvested in 1928 and 1929, the production in each of those years amounting to about 16,000,000 pounds. Up to 1927 the domestic production of sunflower seed was usually insufficient to meet the demand, hence much seed was imported. Prior to the First World War, Russia contributed the largest imports, but since then Argentina, Manchuria, Rumania, Hungary, Bulgaria and other countries have been the chief sources, although during the past two years the quantity of sunflower seed imported has been small. Imports during the 10-year period, 1930-39, averaged 334,152 pounds. The largest quantity ever imported in any year was 5,677,525 pounds, which occurred in 1923. Since 1922 there has been a duty of 2 cents a pound on sunflower seed. "The principal demand for sunflower seed in the United States is as an ingredient of scratch feeds for poultry. A small percentage of this seed is put in many commercial scratch feeds. It not only adds variety to the ration, but also increases both the protein and fat con-

tent of the scratch feed and is considered especially desirable for use during the molting period. Altho much higher in protein and fat than either corn or wheat, sunflower seed is usually relatively too high in price to make up more than a small percentage of poultry feed.

"The lack of a sustained active demand for sunflower seed has been reflected in prices of this seed during the last 8 years. Growers in Illinois and Missouri have received an average price of 21/10 cents a pound during the 10-year period, 1930-39, and growers in California received 24/5 cents. There seems to be no disposition on the part of poultry-feed manufacturers to increase the percentage of sunflower seed in their feeds.

"Sunflower seed weighs from 21 to 26 pounds per bushel and contains from 22 to 32 per cent of oil that can be used for food or for technical purposes. In the United States there has been no sustained commercial production of sunflower oil. In 1920 about 100 tons of seed were crushed in a cotton-oil mill in Tennessee, but this operation was not repeated in subsequent years. It is reported that seed could not be obtained at a price that would permit a profit to the mill.

"During the 5-year period, 1932-36, a total of 120,000,000 pounds of sunflower oil was imported, of which about 75 per cent was designated as edible oil. In 1937 only 172,000 pounds of the oil designated as edible were imported. The following year only a few thousand pounds came in, and there was no edible sunflower oil imported during 1939. The largest quantity was imported in 1935 when 37,250,000 pounds were received, less than 1 per cent of which was designated as inedible oil."

Gwynne Bill Approved

H. R. 2788, by Rep. Gwynne of Iowa, has been approved by the House Judiciary Committee.

As amended by the committee the bill now provides that all causes of action accruing under the law must be commenced within one year; causes of action which have accrued prior to the law's enactment and which were not already barred by any applicable statute of limitation, must be started within 6 months after enactment; and future protection against administrative or court changes in government regulations where parties thereto have acted in good faith. Where actions have already accrued on the effective date of this proposed law, these actions must be started within 6 months of its enactment.

This is an important bill, especially if the new definition for Area of Production, which should be forthcoming soon, does not exempt country elevators. Under Gwynne's bill disgruntled employees who might have a claim under the definition of Area of Production only go back one year to collect damages. However employers still have the right to contract otherwise.

THE CONSERVATION program of 1946 will be operated by counties receiving an allocation of funds. Local committeemen will work out with each farmer a program based on the needs of the farm.

RUSSIA has refused for the present to join the United Nations Food and Agriculture Organization formed at Quebec. Refusal of Russia to join, being a leading food producing country, is a disappointment to the 37 members.

From Abroad

FRANCE'S wheat crop is officially estimated at 80,000,000 bus., compared with 144,000,000 bus. average pre-war.

ITALY'S 1945 wheat harvest is estimated at 45,000,000 metric quintals, compared with 65,000,000 quintals in 1944. A metric quintal is 220.46 lbs.

SOUTH AFRICA'S corn crop has been reduced by the worst drouth in 80 years. The government is restricting the use of corn to save it for the staple diet of the natives.

IRAN will harvest an estimated 2,250,000 tons of wheat and 1,500,000 metric tons of barley this year, compared with 2,080,000 tons of wheat and 1,262,000 metric tons of barley during the preceding season.

NEW ZEALAND lost \$600,000 in four years in the socialistic experiment of operating 17 plants to process flax. That does not compare with money wasted in U. S. experiment in building 42 hemp processing plants.

ECUADOR has no grain elevators in use, grains being stored in bags or in bulk in commercial warehouses. Any extensive development of the Ecuadorian grain and feed industries would require the installation of modern warehousing methods.—U. S. Dept. of Commerce.

EXPORTERS of grain from Argentina will find it necessary to deduct from the price paid for the grain the amount of the Argentine Maritime Pensions Tax, because the owner of the ship has a lien on the cargo to reimburse himself for the outlay by his agent. Those who devised the tax sought to levy on the foreigner; but the tax backfired.

THE ARGENTINE Government's second estimate of flaxseed acreage for this season's crop is 4,518,000 acres, a drop of 42,000 acres from the first estimate. The last crop report says that growing conditions for flaxseed are slightly below normal in the west and extreme north; elsewhere conditions are good, following a spell of generous spring rains.—Archer-Daniels-Midland Co.

IN HOLLAND the vegetable oil mills have not suffered to any great extent as a result of the war. Their location is largely outside the main ports, which were the special targets of German bombers. Machinery and installations were not carried away by the Germans as the mill owners maintained stoutly that they required their equipment for crushing local seed crops. The Holland Government has bought large quantities of oilcake in Argentina and will continue to do so.—Archer-Daniels-Midland Co.

GREECE has restored private trading in food. Rationing in Greece has broken down, beaten by the black market. To be successful, controls must have the willing co-operation of a majority of the population and particularly of the growers. During an emergency, people will make sacrifices for the common good which they are not prepared to make when the emergency is passed. Greece has now taken the risk of prices rising, in the hope that economic laws will work more quickly than artificial laws, and that the higher the price, the greater the stimulus to production.—Corn Trade News.

PRODUCERS are forced to sell to the Grain Board at a special price for export and that entity takes the price which the United Nations buyers offer, which, of course, is considerably higher than what is paid to the Argentine seller. The government has been taking this profit in order to offset the losses it has occasionally had to face through selling maize for combustible at lower than the minimum prices. The hope is that the trade will be completely freed and that neither maximum nor minimum prices shall be imposed, that the producer will be allowed to sell to whom he wishes and to grab as high a price as he can. We would also add the hope that the exporting element be allocated full liberty, instead of being hog-tied in every operation. We want real free trade without official intervention. Times of Argentina.

Washington News

IMPORT controls have been taken off hulled and unhulled oats, and rye.

THE O.P.A. denies that it has been considering raising the ceiling price of corn.

RESTRICTIONS on wholesale and retail motor truck deliveries were cancelled Nov. 1 by the O.D.T.

SALES of government-owned food during September included grain and cereal products valued at \$8,750.

RALPH BROWN is now price executive in charge of cereals, feeds and agricultural chemicals branch of the O.P.A.

THE HOUSE agricultural committee Nov. 2 issued a favorable report on the Pace bill to revise the parity price formula on agricultural commodities.

CEILINGS set for sales of rough Kamrose rice by the farmer to the miller will be \$6.15 per barrel of 162 pounds and \$1.708 per bushel, effective Oct. 7.

ALL SET-ASIDES of dry beans for military and other government purchases have been suspended indefinitely by the Department of Agriculture, effective Oct. 1.

THE U.N.R.R.A. would be required to buy in the open market all agricultural commodities for distribution abroad, under an amendment asked by Senator Bankhead of Alabama.

IMPORTERS who bought surplus United States crops for export would be granted a refund of duty on their imports, under a proposal by Senators Bankhead and Eastland.

A CIVILIAN Production Administration has been created to succeed the W.P.B., which is to be liquidated the first week of November. At the head will be John D. Small, chief of staff of the W.P.B.

DELIVERIES of grain products for lend-lease during August were third largest, with 35,003,613 pounds, accounting for 19 per cent of the total. Deliveries of grain products during July totaled 99,103,678 pounds.

THE FOREIGN Economic Administration has been dissolved, and its functions will be distributed among other government agencies, food activities going to the Department of Agriculture.

CEILINGS on live hogs were moved up in some localities and down in other places, effective Oct. 9, to discourage the increase in buying at country points, as compared with terminal stock yards.

J. E. WELLS, now in Kansas City, will succeed Clyde W. Warburton as deputy governor at Washington of the Farm Credit Administration. Mr. Warburton retires after 40 years in the government service.

J. MONROE JOHNSON, director of the O.D.T., says he would continue to hold his wartime powers until the emergency is officially declared ended; but the O.D.T. will be virtually out of existence by Jan. 1.

LIQUIDATION of 20 government corporations is proposed in a bill, introduced Sept. 24 by Rep. Rees, including the United States Commercial Co., Defense Plant Corporation and Defense Supplies Corporation.

MONEY in circulation Oct. 3 reached \$27,853,000,000, the highest on record. Aug. 31 it was \$197.99 per capita and on Sept. 30, 1944, \$171.69. Gold reserves dropped to \$20,072,000,000, the lowest since July 3, 1940.

H. R. 4200, by Patman of Texas, would require chain stores to file income tax returns for each store separately, to make it difficult for operators of a chain to offset losses in one store by profits in another. However headquarters will be permitted to pay taxes when the branch store fails to pay.

WASHINGTON, D. C.—The marketing committee of the National Ass'n of Commissioners, Secretaries and Directors of Agriculture has asked appropriation of several million dollars to the states for research in marketing.

ONLY 40 per cent of the production of milled rice must be set aside for military and other government purchases after Oct. 1. The set-aside has been 55 per cent since Aug. 1, having been reduced from 100 per cent at that time.

C. S. GORDON, vice pres. of the Quaker Oats Co., has been appointed director of the food price division of the O.P.A., effective Nov. 1. A year ago Mr. Gordon resigned as price executive in the cereals, feeds and agricultural chemicals branch after having done good work.

EFFECTIVE Oct. 15, any retailer of commodities other than food will be permitted to mark or tag goods with the words "OPA Price," wherever individual marking or tagging is required by an OPA price regulation. The price may be shown in this way on the commodity itself, its container or wrapper, depending on the provisions of the particular regulation.

WASHINGTON, D. C.—No such barrage of socialistic legislation ever confronted any Congress as that now pending in Washington. These bills will be driven through during the next 60 or 90 days. The stage is set and nothing can stop it unless Americans who see the peril, point it out and awaken others to action—action to reach Congress through word from back home.—Sumner Girard.

AT A CONFERENCE recently between the Department of Agriculture and representative of the North American Export Grain Ass'n, Carl Farrington said it was the wish of the department to return the business of the carrying nations to the private trade at the earliest possible moment. A second meeting of the department and the export grain trade will be called soon by Mr. Farrington.

THE ISSUE of possible higher parities is a very live one. Loan values at present on wheat and corn are figured at 90 per cent of parity, and any arbitrary advance of nearly $\frac{1}{3}$ in the latter would be reflected in a correspondingly higher loan value on those two grains; for instance, using wheat as an example, the present loan value at Chicago of \$1.59 would be raised to about \$2.04 per bu.—Fred C. Bisson, director of public relations, Chicago Board of Trade.

RAY BOWDEN, executive vice pres. of the Grain & Feed Dealers National Ass'n, told the Senate labor subcommittee Oct. 9 that in harvest time a worker at a grain elevator may have to put in as many as 80 hours a week; and the greater costs would have to come out of the farmer thru lower payments to him, in opposing the bill to require time and one-half payment for all work in excess of 40 hours a week. The bill would raise the present minimum of 40 cents to 65 cents per hour.

"ANY SCHEME, method, arrangement or understanding by or thru which a seller of a commodity under price control conditions the sale of that commodity in any manner upon the purchase by the buyer of another commodity, or by requiring the buyer to perform any act other than the payment of the full purchase price, is an evasion of and violation under O.P.A. regulations. For purposes of reference, we term this type of violation a 'tying agreement.' Stated somewhat differently, any condition or requirement imposed upon the purchaser in addition to the payment of the purchase price, or which in any manner makes the purchase more onerous to the purchaser, is an illegal tying agreement," says the Des Moines O.P.A. district office.

A NEW SURPLUS property disposal regulation designed to speed and simplify sales was announced by the Surplus Property Board. The effect of the regulation is to set up reserves of surplus to take care of preferential buyers—federal agencies, states, municipalities, veterans and small businesses—and let the rest be sold promptly. Formerly, disposal to commercial buyers was, in effect, delayed for over thirty days in order to allow priority holders first call on surplus goods. Now, property in excess of reserves may be immediately sold to non-government buyers.

AMENDMENT 4 to 2d rev. M.P.R. 487, effective Oct. 22, provides, in effect, that the exemption of wheat of Montana origin from the provisions of the above mentioned subparagraphs of Section 2.6 shall apply only to that wheat originating in that portion of the state west of a described line, thereby permitting members of the grain trade to take advantage of markups provided under (a) (2), (a) (3), (b) (2) and (b) (3) with respect to wheat originating in the eastern part of the state.

THE ONLY SELLERS of oats, barley, corn, or grain sorghums who need furnish buyers with names and addresses of all persons performing services and taking mark-ups are those who deal in straight carload lots, OPA announces. Amendments issued here and effective Sept. 21 eliminate a previous requirement that this information be furnished by sellers of these commodities in mixed or pool cars, less than carload lots, or loaded from terminal or sub-terminal grain elevators.

Warehousemen to File Tariffs

Nov. 15 is the new date for filing of tariffs by grain warehousemen with the OPA in compliance with MPR-586.

Protests by the National Grain Trade Council had obtained a postponement from the original date, Sept. 1.

Theorists in the O.P.A. claim the data are required as a basis for any increase in rates.

Reports can be made on forms similar to those in use by the Department of Agriculture.

The warehouseman should observe these requirements in the order.

(1) Preserve in his office for examination at any time by OPA all records regarding prices, rates or pricing methods for services supplied or offered for supply since March, 1942.

(2) Prepare and keep in his office for examination by any person during ordinary business hours a statement of maximum prices, rates and pricing methods for services which are subject to this regulation for purchasers of each class, together with an adequate description of each service. (Details of statements as to pricing methods shown in Art. III, Sec. 12 (b) of the order.)

(3) File two copies of the statement with your District OPA office. The statement must be signed by the seller of the service or his authorized agent.

The Grain & Feed Dealers National Ass'n will continue to protest to O.P.A. that this filing requirement for grain warehouses is an unnecessary addition to the clerical burden of grain warehousemen; that it was imposed without the required notice to and conference with the trade concerned; that at the time postponement of filing time was allowed assurance was given that the matter would be discussed further with us before the new filing time, and that O.P.A. has failed to meet this assurance to us.

The O.P.A. on Nov. 9 denied the appeal of eleven Chicago terminal elevator operators for a further 60-day extension of the effective date of MPR No. 586 that makes filing of detailed operating reports mandatory.

R. G. BRIERLEY has been elected pres. of the Soy Flour Ass'n. He is manager of the soya products division of the Archer-Daniels-Midland Co., Minneapolis, Minn.

A Durable and Efficient Cob Burner

To solve questions as to the best design an experimental cob burner was built at Forest, Ind. This burner has actually been in operation for more than a year, during which time changes have been made in an attempt to determine several things not definitely known before this burner was built. Size, amount of air, materials usable, methods of cob conveyance, all have been in the picture and have received thoro consideration. As a result the Grain Dealers Fire Insurance Co. is now in position to counsel with its assureds as to what is a practical and not too expensive cob burner. The data obtained have been embodied in the specifications of the model cob burner shown in the engraving herewith and described as follows:

GENERAL DESCRIPTION OF BURNER.—The inner fire brick wall laid 50 per cent open constitutes a sort of "fire basket" to contain the burning cobs. Air for combustion is supplied thru the air intakes in the outer wall at ground level and distributed around the fire basket by means of the air space. This space actually serves both to distribute the incoming air and to reduce heat radiation to the outside wall. The fire basket construction makes possible free combustion and at the same time prevents cobs from falling out of the burner thru the air intake openings.

Furthermore, most of the wear on the burner is taken by this "basket" which is of inexpensive construction and easily replaceable, which the outer wall is not. The solid lining of fire brick between the basket and the lower part of the outer wall is provided for insulating purposes only; it should require very infrequent attention, provided the basket is kept in repair.

COOLING AIR is admitted above the level of the burning cobs thru openings in both the outside wall and the fire brick lining. The upper fire brick lining serves two purposes: it adequately distributes the cooling air and it protects the outer wall. The openings in the outer wall thru which the cooling air enters should be of an area at least 60 per cent of the total area of the combustion air intake openings and should be equally distributed around the circumference. Dimensions of the individual openings in the outer wall are immaterial, being limited only by structural considerations. Those in the fire brick lining, however, should be not larger than $2\frac{1}{2} \times 2\frac{1}{2}$ inches; if larger they will tend to fill with pieces of cob and other material.

In will be found that, in a burner of this construction, the flames and heat will tend to rise in a column well away from the outside walls.

FOUNDATION.—To be of concrete, 40 inches wide and of sufficient depth to reach below the frost line, but not less than 36 inches. The outside surface of the outer burner wall should be set in 6 inches from the outside line of the foundation.

OUTER WALL.—Common brick or Haydite block (obtainable in standard 8x8x16 size and also in other sizes and in some special shapes) may be used. Reinforced concrete may be used for all or part of the outside wall up to the cooling air intake openings, but is not recommended for use above that level. Common brick is to be preferred.

A good quality lime-cement-sand mortar in the proportion of 1-1-6 should be used for laying the wall. In event Haydite block are used, it is recommended that the outer surface be weatherproofed with a wash made of equal parts of lime and cement plus 5 per cent by weight of common salt.

Corbeling should not exceed $1\frac{1}{2}$ inch per course of brick.

Regardless of the shape, the burner should be rodged, using $\frac{3}{8}$ inch steel rod, or banded at intervals of about 4 feet. These should be

supported by setting out from the face of the wall an occasional brick at the desired level.

Cob spout opening to be not less than 12 feet above the ground. Dimensions to be as per detail drawings.

FIRE BRICK LININGS.—Brick used should have a fusing temperature of at least 2800 degrees and should be laid in refractory cement. There is no objection to the use of fire clay rather than refractory cement except it is believed the latter is preferable.

Air spaces between lining and outer wall should be as wide as possible, at least $\frac{1}{4}$ inches. These air spaces should be closed at the top as shown by Print No. 1 (Section X-X) or in equally satisfactory manner in order to prevent the entrance of cobs and other material into the air space. The sealing of the lower air space must, in fact, be practically air tight

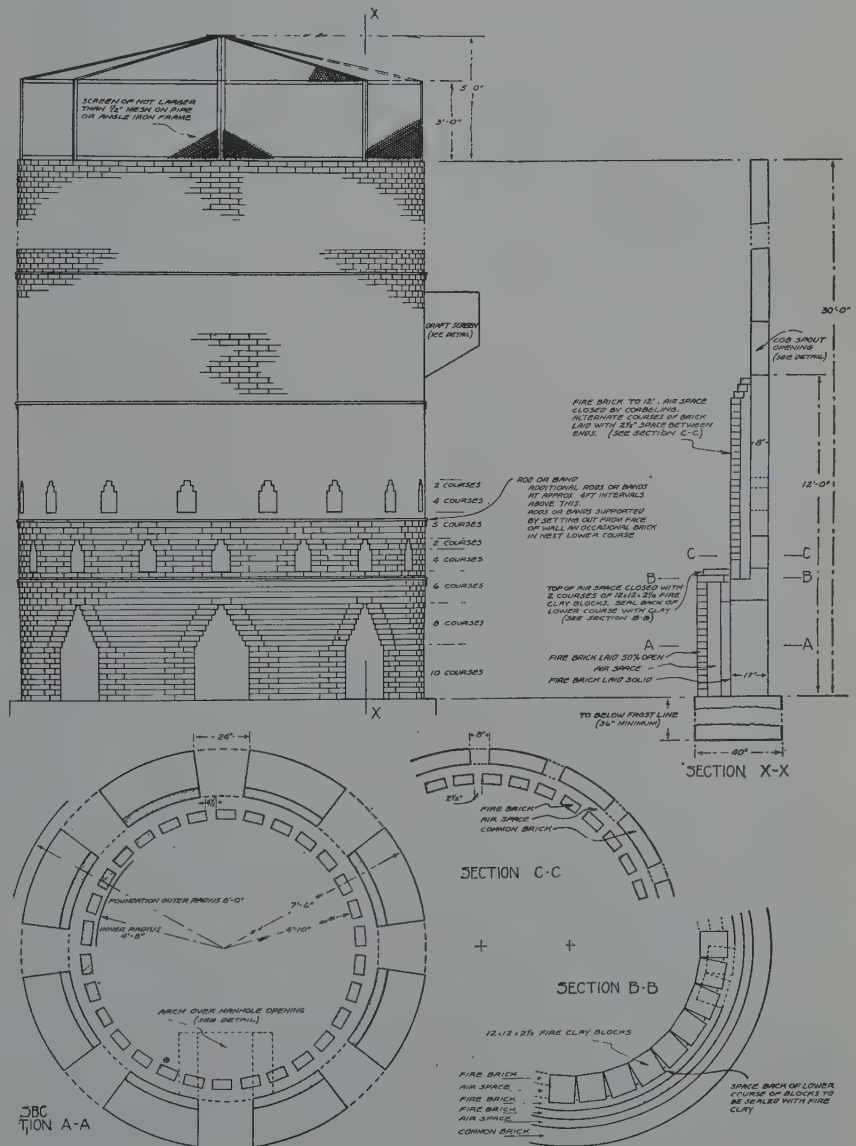
in order to avoid intense combustion against the outer wall in case cobs should accumulate on this ledge.

At intervals, bonds should be provided between the $\frac{1}{2}$ inch fire brick lining and the outer wall.

Cooling air intake openings should somewhat exceed in total area the total area of such openings in the outer wall—this because there will be some tendency for the openings in the fire brick lining to become obstructed. These openings should be not larger than $2\frac{1}{2} \times 2\frac{1}{2}$ each and should be uniformly distributed.

An arched manhole, which is necessary for cleaning and repair purposes, shall be provided at some point corresponding to one of the air intake openings in the outer wall. This should not be located opposite the cob spout opening.

SCREEN.—If burner is constructed as described a relatively inexpensive screen may be used. This may be cone shaped but the design illustrated will prove to be more practical. The



Elevation, Cross Section of Wall, and Ground Plans of Durable and Efficient Cob Burner

present method of harvesting with mechanical pickers and resultant presence of shucks makes provision of a screen an absolute necessity.

Either a pipe or angle iron frame may be used but it should be attached securely to the top of burner. Screen should be not larger than ½ inch mesh and, because of difficulty of replacement, a good quality, heavy gauge material will be found most economical.

CARE OF BURNER—Do not fail to remove ashes regularly. They diminish the capacity of burner. Furthermore, the combination of ashes and rain water produces acids which cause deterioration of the cement and mortar.

Occasionally remove any accumulations of cobs or ash that obstruct the passage of air into the burner, particularly openings in the fire brick lining or basket. In so doing, be careful not to damage the lining.

Make periodic repairs. A burner is a rugged affair but will last much longer and do a better job if kept in good condition.

Don't overload the burner. After all, any burner has its limitations. Better haul a few cobs occasionally than to damage a valuable piece of equipment that with reasonable care and attention should last for many years.

Ceiling Set for Soybeans

Effective Nov. 2 the O. P. A. set a ceiling of \$2.10 per bushel at the farm for the 1945 crop of soybeans. The ceiling last year was \$2.04, plus 1 cent per month until \$2.10 was reached.

Aggressive buying of soybeans by crushers at prices reportedly higher than proposed ceiling price indicated in OPA administrative notice 14, issued on March 29, 1945, evoked numerous requests from crushers and feed manufacturers for issuance of formal O.P.A. ceiling order.

The order does not cut across contracts.

The maximum prices for the sales of soy-

Stocks of Grain Oct. 1

The U. S. D. A. reports the stocks of grain Oct. 1 as follows:

	Wheat		
	Thousand Bushels	Oct. 1, 1944	Oct. 1, 1945
On farms ¹	532,270	539,217	
Commodity Credit Corp. ²	22,365	23,700	22,189
Interior Mills, Elev. & Whses. ³	198,413	42,124	181,368
Terminals ³	199,475	67,185	170,305
Merchant Mills ³	137,818	58,463	130,790
TOTAL	1,090,341	281,103	1,043,869
	Corn		
	Thousand Bushels	Oct. 1, 1944	Oct. 1, 1945
On farms ¹	206,621	747,338	306,719
Commodity Credit Corp. ²	534	79	19
Interior Mills, Elev. & Whses. ³	20,313	24,553	17,188
Terminals ³	7,478	11,208	4,674
TOTAL	234,946	783,178	328,600
	Oats		
	Thousand Bushels	Oct. 1, 1944	Oct. 1, 1945
On farms ¹	950,861	211,258	1,318,666
Interior Mills, Elev. & Whses. ³	43,128	17,582	56,985
Terminals ³	17,328	9,604	43,555
TOTAL	1,011,317	238,444	1,419,206
	Barley		
	Thousand Bushels	Oct. 1, 1944	Oct. 1, 1945
On farms ¹	185,420	56,000	174,315
Interior Mills, Elev. & Whses. ³	56,100	26,490	59,782
Terminals ³	26,032	14,479	22,922
TOTAL	267,552	96,969	257,019
	Rye		
	Thousand Bushels	Oct. 1, 1944	Oct. 1, 1945
On farms ¹	16,314	43,650	14,381
Interior Mills, Elev. & Whses. ³	4,881	2,538	3,261
Terminals ³	14,728	6,599	4,732
TOTAL	35,923	12,787	22,374

¹Estimates of the Crop Reporting Board.
²Stocks owned by Commodity Credit Corporation in steel and wooden bins and in transit.
³Commercial grain stocks in 43 markets reported by Grain Branch, Production and Marketing Administration. ⁴Includes also stocks in merchant mills. ⁵Interpolated.

beans, bulk, by a country shipper, shall be the applicable base price plus 5 cents per bu, plus actual lawful transportation charges necessarily incurred by the seller in delivering to his purchaser from his nearest storage facilities.

Government Crop Report

Washington, D. C., Nov. 9.—The U.S.D.A. makes the following report:

Crop	Yield per Acre		Total Production (in thousands)	
	1944	1945*	1944	Preliminary 1945*
Corn, all, bu...	33.2	33.3	3,228,361	3,073,966
Wheat, all, bu...	18.2	17.7	1,078,647	1,149,825
Winter.....	18.8	18.0	764,073	836,969
All Spring.....	16.9	16.9	314,574	312,856
Durum.....	15.1	17.4	31,933	32,971
Other Spring.....	17.2	16.8	282,641	279,885
Oats, bu.....	29.9	37.8	1,166,392	1,583,650
Barley, bu.....	23.0	24.1	284,423	277,246
Rye, bu.....	15.6	13.3	25,872	27,583
Buckwheat, bu.....	17.8	16.2	9,166	7,155
Flaxseed, bu.....	8.4	9.3	23,527	35,855
Rice, bu.....	47.9	47.8	70,237	71,774
Sorg. for grain.....	19.9	14.7	181,756	106,985
Hay, all tame, ton.....	1.41	1.52	83,845	90,477
Hay, wild.....	.97	.96	14,135	13,754
Hay, clover & timothy.....	1.35	1.47	28,771	31,363
Hay, alfalfa.....	2.19	2.30	31,702	33,350
Beans, dry edible, 100 lb. bag.....	\$784	\$781	16,128	14,191
Peas, dry field, 100 lb. bag.....	\$1,277	\$1,127	8,873	5,793
Soybeans, for beans, bu.....	18.0	18.0	192,863	190,646
Cowpeas, for peas, bu.....	5.6	6.2

*For certain crops, figures are not based on current indications, but are carried forward from previous reports. †Excludes sweetclover & lespedeza. ‡Pounds.

Corn Production in leading states, in thousand bus.:

	Nov. 1	Oct. 1	Final '44
Ohio.....	176,988	176,988	142,956
Indiana.....	243,376	243,376	176,244
Illinois.....	404,943	413,345	408,695
Wisconsin.....	108,240	105,534	116,536
Minnesota.....	217,440	217,440	253,399
Iowa.....	529,296	529,296	607,608
Missouri.....	117,477	117,477	162,554
South Dakota.....	119,250	119,250	140,292
Nebraska.....	261,019	265,298	329,555
Kansas.....	71,346	69,823	114,793
Oklahoma.....	27,102	27,835	32,958
Texas.....	66,048	68,112	69,422

Soybean production in leading states:			
	Nov. 1	Oct. 1	Final '44
Ohio.....	20,808	22,591	22,457
Indiana.....	28,640	28,640	23,150
Illinois.....	71,280	73,062	71,400
Iowa.....	34,280	36,195	42,580
Missouri.....	9,693	10,770	10,505
Minnesota.....	6,460	6,460	4,340

Private Trade to Handle Wheat Exports

All December wheat purchases for Belgium, The Netherlands, Norway, Brazil, Portugal and Spain will be privately handled. The amount of wheat allowed to the claimants totaled 200,500 tons. These same nations purchased November wheat supplies privately also.

The C.C.C. will make purchases of grain for export to metropolitan France, French North Africa, Italy, United Nations Relief and Rehabilitation Administration and the military services in December, but expects to drop its agents functions on behalf of all of these except the services and possibly U.N.R.R.A. after December.

Death of John R. Leonard

John R. Leonard, 81, pres. of Bridge & Leonard, passed away Nov. 5 in the Presbyterian Hospital, after a brief illness.

He was born and educated in New York City and entered the grain business in Chicago in 1901, becoming a member of the Chicago Board of Trade in 1902.

May 1, 1903, he went into partnership with Geo. S. Bridge, who was in the hay receiving business at Chicago and had been pres. of the National Hay Ass'n, under the name Bridge & Leonard, to do a general commission business in spot and future grain.

Corn Cob Processing

By H. ROY MOSNAT

One of the most interesting developments in the processing of corn cobs is the absence of dust. In our new cob mill we have little chaff, some bees-wings, of course, but dust is absent. This is very much worth while. The power used in our corn cob mill, illustrated on page 137 of Journal for August 22, is all electric motors, each machine having its own motor. The plant is operated in two series. One series of three motors runs the intake conveyor from dump pit, the preprocessing cylinder that breaks up the cobs, and the blower that shoots the broken cobs into the storage bins. The first series of three machines intake conveyor from dump pit, breaker and blower; second series, feeder from storage bins, two grain feeders, crusher, blower to collector, and then to sacker, and to car.

This pre-breaking (1) makes the cobs easier to handle by air, (2) doubles capacity of storage bins, (3) allows cobs to dry out more by exposing pits which are wettest, (4) the broken up cobs feed from storage bins with much less arching or clogging, (5) increases capacity of crusher by 25 per cent more which saves time and power. There is no grinding; no hammer-mill is used. Grinding takes too much power and a hammermill makes lots of dust.

This process makes no dust. The technical problem, of cob utilization in which I am a pioneer, is avoiding dust. The pioneer always gets a headache. I am no longer young and maybe I should not have undertaken this project. It is bigger than I figured on. I have two dealers who look like 40,000 tons a year, about 1,000 carloads each year, used for litter, mulch, bedding, etc. Processed cobs are preferred to anything else for these purposes wherever used.

Processed cobs will take up almost instantly their own weight in water. So for mulch and packing for dormant roses, for instance, processed cobs are better than other materials such as peat, sphagnum moss, etc., that take up too much moisture.

In the test plant at Morris, Ill., I saw a Piper-Beardsley Co. mulling machine with sixty horsepower motor that did not make 500 pounds an hour of processed cobs. Cobs coming from the machine were so hot one could hardly hold them, showing waste of power. The total horsepower required by our mill so far is only 62 H.P. I may add some to that later, but not a whole lot.

FLOUR MILLS of Canada ground 18,074,817 bus. of wheat during August and September, against 17,664,550 bus. during those months of 1944, as reported by the Dominion Bureau of Statistics.



John R. Leonard, Chicago, Ill., Deceased

Grain and Feed Trade News

Reports of new elevators, feed mills, improvements; changes in firms; fires, casualties, accidents and deaths are solicited.

ARIZONA

Mesa, Ariz.—Zeb Pearce & Sons are re-modeling their seed and feed store.

Hayden, Ariz.—The Hayden Flour Mills is building a 20x50 ft., 22 ft. high, warehouse. An addition to the mill's elevator storage capacity recently was made.

ARKANSAS

Conway, Ark.—W. K. Anders, Jr., of Monroe, La., will operate a feed store and hatchery here.—P.J.P.

Jonesboro, Ark.—The Jonesboro Feed Co., owned and operated by D. E. Patton, held its official opening Sept. 29.

Nashville, Ark.—The Howard County Farm Bureau has purchased a seed cleaner and it will be used to encourage the production of better grains and lespechea.—P.J.P.

Tuckerman, Ark.—Graham Bros. Rice Mill, the first rice mill in Jackson County, has been leased by J. K. Carr and Harry Cormier of Cormier Bros. at Bay City, Tex., who have taken charge of the plant.—P.J.P.

Little Rock, Ark.—We are enlarging our grain and feed department and have added on the services of S. J. Laux, who has had over 20 years' experience in handling grains and feeds. Mr. Laux for many years was in business at Morrilton, Ark. Now associated with us, he will assist us in giving still better service to our clients.—Geo. F. Porbeck Co., Geo. F. Porbeck.

Valley Springs, Ark.—The mill of the Atchley Milling Co., which is believed to be at least 100 years old and had served the farmers of Boone County well during that century, has been closed. J. T. Atchley, who operated the plant for 20 years, said the step was taken because not enough wheat now is being raised in this part of North Arkansas to justify its continuation.—P.J.P.

Stuttgart, Ark.—The fire that damaged the mill of the Arkansas Rice Growers Co-operative Ass'n has been followed by full repairs and the plant has resumed operations on a 24-hour basis. L. C. Carter is general manager. While reconstruction has been finished on the mill proper, it will require a couple of weeks to complete the clean rice storage elevator and package department.—P.J.P.

CALIFORNIA

Bellflower, Cal.—The Home Milling Co., A. E. Sommer, owner, has added a 48 x 120 ft. metal and stucco addition to its plant.

South Dos Palos, Cal.—The Homes Warehouse Co. warehouse was damaged by fire recently, started by sparks from a trash fire.

Modesto, Cal.—J. S. West & Co. has included in its \$130,000 expansion program recently announced by Norman S. West, company president, the building of a mill and storage tanks for the bulk handling of grain, and installation of automatic unloading equipment, to be erected at the cost of \$35,000 at Ninth and G. Sts.

Los Angeles, Cal.—Ray W. Brown, assistant chief grain inspector for the Los Angeles Grain Exchange, resigned Oct. 15 and has leased a service station in Covina, Cal. Mr. Brown was with the Missouri State Grain Inspection Dept. at Kansas City and the Denver Grain Exchange at Denver, Colo., before coming here three years ago.

Arroyo Grande, Cal.—Robert F. Rountree, owner of the Rountree Feed Co., has moved his business to a new location on Traffic Way.

Los Angeles, Cal.—J. E. Baker, manager of the grain department of Wilbur-Ellis Co., and pres. of the Los Angeles Grain Exchange, narrowly escaped serious injury recently when his automobile was side swiped, thrown out of control, and overturned several times north of here. Mr. Baker escaped with a bad shaking up. The car was demolished.

Los Angeles, Cal.—Members of the Los Angeles Grain Exchange will hold a golf and dinner party at the Oakmont Country Club in Glendale, Cal., on Oct. 30 in honor of Chas. H. Bates, former president of the Exchange who has resigned his position with the Globe Mills of Pillsbury Mills, Inc., to enter business as one of the partners of the Cross Pacific Co. of Los Angeles.

Los Angeles, Cal.—California Hay, Grain & Feed Dealers Ass'n will hold its annual meeting here some time during next April, the dates to be decided upon soon by the com'te in charge of arrangements and the Ass'n board. Southern California members, Welles T. Ross, ass'n president, stated, are ready and eager to be hosts of the ass'n. With O.D.T. restrictions removed, this meeting, the first general session since the ending of the war, is expected to attract a large crowd of grain and feed men.

Isleton, Cal.—Riverside Elevators, Inc., recently completed its new plant, built at the cost of \$250,000, and following a formal dedicatory program, placed the elevators in full operation. Construction has been under way for six months under the direction of Barrett & Hilp, general contractors. The plant's capacity is 12,000 tons and it is designed to handle grain in bulk or bags up to 160 tons an hour. Grain will be cleaned, dried and stored. The bins are of tapered construction. Natural gas will be used as heat for drying. The drying fan will deliver 104,000 cubic feet of air a minute. The scale installed is the largest in this area. Melville Marx is president and R. W. Salmon the general manager of the elevator firm.

CANADA

Ottawa, Ont.—Gordon Burton, who has edited the Wheat Review and the Quarterly Review of the Canadian Coarse Grains for the past year, resigned from the Bureau recently to accept a teaching position with the Farm Management Department of the University of Saskatchewan in Saskatoon.

Winnipeg, Man.—The McDougall Royal Commission, which investigated the taxation of co-operatives, has submitted its report to Mr. Ilsley, minister of finance. The private grain trade and the three western wheat pools were among the many organizations that submitted briefs to the commission at its hearings across Canada.

Ottawa, Ont.—W. H. Brooking has been appointed general sales manager of the Canadian Wheat Board to succeed L. H. Pethick, who has resigned to enter private business under the name of Pethick Grain, Ltd. Mr. Brooking started with the board in 1940 as assistant sales manager. Prior to that time he was with the Wm. E. Reid Co., Ltd., for 13 years. Mr. Pethick was with the board for 9 years, and had been head of the sales department since 1937. Mr. Brooking took over his new duties Oct. 1.

Vancouver, B. C.—Vancouver Merchant's Exchange certificates, demanded by many buyers in the Orient and Europe prior to the war before accepting shipments of Canadian flour, are being issued again with resumption of the inspection service of the Exchange. Sacked flour for the Philippines and the Orient is sampled, inspected, analyzed and certified by the Exchange. The examination includes inspection of flour for its color, soundness and sweetness of content; of wheat for protein content.—W.E.S.

COLORADO

Burlington, Colo.—The Kansas Elvtr. Co. elevator was damaged by high winds recently.

Denver, Colo.—Boyd Bailey has launched his own company under the name of the Bailey Brokerage Co., with offices in the Cooper Bldg. Mr. Bailey is conducting a general grain and brokerage business. He formerly was connected with the Colorado Mill & Elvtr. Co.—L. N. C.

Colorado Springs, Colo.—Alfred E. Owens, a director of the Colorado Grain, Milling & Feed Dealers Ass'n, and prominently identified with the Robinson Grain Co., has been made manager of the grain and feed department of the recently acquired plant of the Seldomridge Grain Co.—L. N. C.

Fort Collins, Colo.—At a meeting held here recently attended by about 300 leadings farm and business men much concern was expressed by all over future price trends. That they would go down seemed unquestioned. No solutions were suggested. The meeting was called to discuss mutual problems.—L. C.

Fort Collins, Colo.—If enough interest is shown, the Colorado A&M of Fort Collins, could be interested in holding a six or eight weeks specialized training course for those in the seed, feed, fertilizer and grain business. If you would be interested in attending yourself or sponsoring an employee or two, notify the secretary.—Lloyd Case, sec'y, Colorado Grain, Milling & Feed Dealers Ass'n.

ILLINOIS

Ontarioville, Ill.—A modern corn cracker and grader is being installed in the new Riley Elevator.

Arthur, Ill.—A new modern corn cracker and grader has been installed in the Riley Feed Service mill.

Mount Prospect, Ill.—A new corn cracker and grader has been installed at the Riley Feed Service mill.

Lostant, Ill.—Mr. and Mrs. Wm. Dose recently sold their mill and hatchery to Mertle Bros. of Utica.

Divernon, Ill.—An office has been constructed at the Noah C. Twist elevator and a new truck scale has been installed.

Metcalfe, Ill.—Thieves stole 150 bus. soybeans from the outlying elevator of the Cleveland Grain Co. Oct. 18.—P. J. P.

Carman, Ill.—James W. Harris, who was discharged from the U. S. Coast Guard on Sept. 6, purchased the W. H. Babcock elevator.

Paxton, Ill.—Larry Sackett has become associated with the Watson Grain Co. He has been employed in Harvey for some time.

Mendota, Ill.—C. J. Bader, of the Federal North Iowa Grain Co., addressed a recent meeting of the Kiwanis Club, telling of his experiences in his 32 years in the grain business.

Tilden, Ill.—George Lyons, 75, manager of the Tilden Mill & Elvtr. Co. elevator for ten years, died at his home Oct. 16.—P. J. P.

Nokomis, Ill.—The Equity Elvtr. Co. has installed a new hammer mill with 60 h.p. electric motor and magnetic separator and an electric hoist.

Pana, Ill.—Shellabarger Elvtr. Co. is building additional bins at its local elevator, increasing its storage capacity nearly double to about 50,000 bus.

Mattoon, Ill.—Geo. W. Walker, manager of the Big 4 elevator here for nine years, died recently in Stockton, Cal. Interment was at Decatur, Ill.

Smithshire, Ill.—Davis Grain Co. elevator was sold to Twomey Gain & Feed Co. on Oct. 8 and is being operated under that firm name.—R. E. Gentry.

Evansville, Ill.—Edward P. Bauer, 66, who had been a member of the personnel of the Sauer Mill for 42 years, died Oct. 9 of cerebral embolism.—P. J. P.

Fairbury, Ill.—Clarence Telford, formerly manager of the feed department of the Kempton (Ill.) Co-op Co., is now associated with the Honeggers & Co.

Springfield, Ill.—Freeling H. Clower, 62, who operated a grain elevator here until his health failed, died at Bushnell Oct. 13, where he had been living.—P. J. P.

Paxton, Ill.—The Purdue Co-op. Farmers Grain Co. recently purchased the Carson Grain Co. property. An office will be erected later on the site of the present office.

Atwood, Ill.—The Atwood Grain & Supply Co. has completed a third concrete storage bin of 20,000 bus. capacity, increasing the company's storage capacity to 110,000 bus.

Tuscola, Ill.—Fred Bennegg, 50, of Arthur, Ill., who had been employed here by the DeKalb Grain Co. for the past two years, died Oct. 11 of a heart attack while at work in the company's plant.

Gillespie, Ill.—The Gillespie Co-op Farmers Elevator Co. has installed a new 25 ton capacity Fairbanks-Morse Platform Dial Scale, concrete deck and equipped with the prismatic weigher. Fred Shelby is the manager.

Farmersville, Ill.—The Farmers Exchange, owned and managed by R. W. Shrader, was sold Oct. 13 to Sgt. James Lucas, Jr., of Morrisville, Ill., who took immediate possession. Mr. Shrader has been in ill health for several years and is considering going to Texas.

Clinton, Ill.—Seventeen steel bins, no longer needed in the ever normal granary program, recently were auctioned off by the Dewitt County A. A. A. A value of \$136 was placed on those holding 2,730 bus. and \$110 for the bins with 2,169 bus. capacity.—P. J. P.

Woodford (Minonk p. o.), Ill.—J. B. McCarthy of Champaign purchased the two elevators and feed and coal business of the Woodford Elvtr. Co. at public auction Oct. 5 for \$40,000. The plant had been owned by the late J. Allan Simpson of Minonk and had been in the Simpson family for 75 years.—P. J. P.

Quincy, Ill.—The Quincy Soybean Products Co., which is installing new machinery, will increase its storage capacity to 600,000 bus. and expects to be equipped to buy and process 1,500,000 bus. this winter.—P. J. P.

Robinson, Ill.—H. E. Wright, who had been employed for the last three years at the L. K. Magill feed store, has been appointed manager. He succeeds Lawrence Gullett, who had been manager the last nine years.—P. J. P.

Melvin, Ill.—Louis Freehill has purchased the business of the Arends & Son Grain Co., consisting of the elevator, offices and two adjoining lots. The business has been conducted for almost thirty years by Henry Arends.—P. J. P.

Paloma, Ill.—Fire Oct. 22 destroyed the elevator owned by J. E. Lohr. It contained about 3,000 bus. of soybeans but Lohr said he believed about half of them could be salvaged. The beans and other grain were fully insured by the building was only partially insured.—P. J. P.

Decatur, Ill.—A total of 376 cars of soybeans, six solid trainloads, were brought into Decatur Oct. 16 by the five railroads running into this city. Local industries made good progress in unloading the beans and no loaded cars were left on nearby sidings by the railroad companies.—P. J. P.

Chapin, Ill.—Paul Floyd, connected with the Chapin Farmers Elevator, has been in the Passavant Hospital, Jacksonville, recovering from injuries received while he was grinding feed in a hammerville at the local plant. He fell into a V-belt and caught his left hand in a pulley, injuring three fingers.—P. J. P.

Gridley, Ill.—The Boise & Blessman elevator announced Oct. 25 that the soybean harvest on that date was 95 per cent complete. The strike on the T. P. & W. Railroad made it necessary to truck some of the beans to Gridley. Beans have tested down to 10 per cent moisture, but most ran around 13 per cent.—P. J. P.

Tuscola, Ill.—Harry Carrell, manager of the Tuscola Co-op. Grain Co., announced Oct. 10 that 10,000 bus. of soybeans had been received by the company in two days. This was one week later than the first shipment last year. In spite of the heavy rains the week before the beans tested 13 to 14 per cent moisture.—P. J. P.

Rushville, Ill.—The Rushville Farmers' Grain & Livestock Co. has outlined a program of expansion which will include the erection of two warehouses, work on which already has been started. The present wood buildings will be razed and two connecting sheet steel buildings, measuring 48x32 and 83x24 feet, will replace them.—P. J. P.

East St. Louis, Ill.—The combined mill and storehouse of the Theiss Bros. Feed Corp. was badly damaged by fire Oct. 20. A large quantity of grain was destroyed and Fire Chief Russell estimated the damage at \$10,000. Henry Theiss, pres. of the firm, said the fire probably started from sparks of a passing locomotive. It originated in the roof and spread rapidly.—P. J. P.

Fairbury, Ill.—Honeggers & Co., feed manufacturers, resumed operations on a heavy scale the week of Oct. 9 after having their activities practically paralyzed because of a strike on the T. P. & W. R. R. On Thursday of that week nearly all of the raw materials that were on hand when the strike began, had been exhausted.—P. J. P.

Quincy, Ill.—Edward Everett Hollister, 85, pres. of the Hollister-Whitney Co., of which he was the founder in 1899, died Oct. 8. He was superintendent of the former Taylor Bros. Milling Co. until he went into business for himself. He continued alone until 1906 when Frank H. Whitney joined him and they incorporated the Hollister-Whitney Co.—P. J. P.

West Salem, Ill.—Maurice D. Campbell of Bunker Hill, Ind., has purchased the elevator, which had been operated here for the last 40 years under the firm name of George Couch & Sons. Mr. Campbell, who has been in the grain and seed business for years, will take charge of the business Nov. 1, operating as the Campbell Grain & Seed Co. Ray Robinson will go to New Harmony to assist in the management of the elevator there.—P. J. P.

Dwight, Ill.—L. W. Bush, proprietor of the Bush Hatchery & Milling Co., of Dwight, Morris and Kankakee, is building a feed manufacturing plant on the property he recently purchased from Chas. D. McWilliams, located just outside of town. The new mill will be used for the manufacture of Bush feeds only. The building will be a two-story structure, 120x50 ft., with a full basement and of concrete block construction. Modern feed grinding and mixing equipment will be installed.

CHICAGO NOTES

Jos. F. Lamy has been appointed to a place on the Nominating Com'te of the Chicago Board of Trade.

Ralph W. Olmstead, 65, widely known among middle west grain dealers, and who was sec'y to James A. Patton, died recently.

Directors of Chicago Board of Trade have ruled that "whenever maximum ceiling prices have been determined by the board of directors as applicable to any grain, spreading transactions are prohibited when such spreads are made at the ceiling price for one future in any such grain and at lower than the current market bid price for another future in the same or any grain."

The old National Grain Elevator at 24th St. and Archer Ave., recently purchased by John F. Cuneo and in process of being razed, burned to a total loss in a \$250,000 fire the night of Oct. 30. The abandoned elevator, the oldest grain elevator in Chicago, was nearly a block long and about 150 ft. high and of wood construction. A brisk wind blowing fanned the flames into a fury that raced thru the structure, spectacularly silhouetting the tottering framework against the sky, the glare visible for miles distant. The intense heat from the burning building kept firemen a half block distant when the flames were at their height, and set ablaze a telephone pole a block distant.

Robert C. Jordan, 82, long in charge of the Stuyesant Dock Elevators in New Orleans for the Illinois Central R. R. and previously in charge of the Burlington Elevator at Burlington, Ia., for Harris, Scotten & Co., died in his home, 6903 Crandon Ave., Oct. 19. Mr. Jordan entered Illinois Central service in 1906 as superintendent of the Central Elvtr. & Warehouse Co., New Orleans. When the public elevator service was established at the Crescent City in 1929 he was detached from the railroad to take temporary charge of the Public Grain Elevator operated by the Board of Commissioners of the Port of New Orleans. Except for a brief period he was for 26 years with the Illinois Central until his retirement in September, 1932. He is survived by his widow, Lovina H., two sons and a daughter. Interment was at Burlington, Ia.

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Consignments and Future Orders Solicited

NEW YORK, N. Y.

J. G. Nellis, Nellis Feed Co., was elected president of the Chicago Feed Club at its annual meeting held Oct. 19 at the Morrison Hotel. John B. Spaulding was elected vice-pres.; Lee Hammett, sec'y, and W. M. Pearson, treas. Dr. I. Q., radio personality, was the featured attraction of the evening, distributing 150 silver dollars to the feed members who were able to answer his questions, prizes ranging from \$9 up to \$30. The new officers will assume office at the January meeting. The Borden Male Chorus and D. McKay, local magician, will entertain at the Nov. 16 meeting of the club.

INDIANA

Portland, Ind.—The Haynes Soy Products, Inc., held open house on Sept. 14.

Muncie, Ind.—Thomas Williams, widely known feed dealer, died at a local hospital recently.—W. B. C.

Camden, Ind.—The Camden Elvtr. Co. elevator is being painted with aluminum making a very attractive plant.—A. E. L.

Bluffton, Ind.—Three new gear-motor head drives are being installed in the Hoosier Grain & Supply Co. elevator.—A. E. L.

Zionsville, Ind.—The Zionsville Grain Corp. has installed a new 1.5 ton feed mixer in its warehouse at the rear of the elevator.

Grandview, Ind.—The Cadick Mfg. Co. has installed a new totally enclosed motor to drive the corn mill unit in its plant.—H. H. H.

Windfall, Ind.—Emerson Sells, until recently owner of the Tab (Ind.) Elvtr. Co., has become manager of the Union Elevators, Inc.

Evansville, Ind.—Mr. and Mrs. Chas. Nunn and daughter were victims of food poisoning recently. Mr. Nunn is an official of the Nunn Milling Co.—W. B. C.

Poseyville, Ind.—Additional storage capacity and feed handling equipment is contemplated for installation at the Poseyville Grain & Feed Co., Inc., elevator.—H. H. H.

Logansport, Ind.—William Albertus Miller, 76, retired grain dealer, died at his home here recently. He was vice-pres. and director of the Walton Elvtr. Co.—W. B. C.

Markle, Ind.—Albert Luther recently sold his half interest in the Markle Elvtr. Co. to Oscar Naab and Kenneth Cass. Mr. Luther bot a half interest in a local lumber yard.—F. K. S.

Decatur, Ind.—Burk Elvtr. Co. has installed a new grain dump and seed cleaner, and the branch elevator at Peterson is being remodeled with a new feed mill with complete new electric power.—A. E. L.

Otwell, Ind.—The feed mill of the Otwell Mfg. Co. is near completion. It will be the last word in handiness and utility for a custom feed mill. The company has installed a new chain drive replacing the former V-belt drive in the main line shaft to eliminate some power losses.—H. H. H.

Dana, Ind.—The Raven Elvtr. & Grain Co.'s elevator, located two miles southwest of here, burned recently with a loss estimated at \$50,000; 17,000 bus. of soybeans were destroyed. The elevator is believed to have been struck by lightning. Walter Swank, Chrisman, was manager of the elevator.—P. J. P.

Westfield, Ind.—Floyd Trimble, formerly manager of the Goodrich Co. elevator at Rosstown, recently assumed management of the Goodrich Co. elevator here, succeeding Harry Ballard, who will continue to help in the operation of the plant. New equipment will be installed and the building will be remodeled.

Fort Wayne, Ind.—The Northwestern Indiana Hay & Grain Dealers Ass'n will hold its regular dinner meeting here Nov. 12, at 7 p.m. at the Fort Wayne Athletic Club. Herbert J. Holland of Washington, D. C., will speak on the subject, "The Termination of War As It Affects Price Control and Ceilings."—Alfred E. Leif, sec'y.

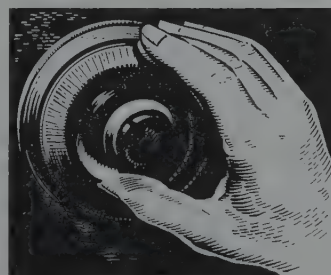
Spencer, Ind.—The Indiana State Feed & Hatcheries has moved its stock and equipment into new quarters on W. Morgan St., where it will have much more room, and be better prepared to carry on its business in feeds, seeds, fertilizers and grinding.

Monticello, Ind.—Carl H. Mote, Indiana utilities owner, Indianapolis, Ind., was removed as national president of the National Farmers Guild at a meeting held here recently. Mr. Mote did not attend the meeting to answer charges preferred against him, alleging misconduct in office. Harry Atchison, Northville, Mich., vice-pres., was elected acting president.—W. B. C.

Crown Point, Ind.—A traveling solicitor signing his name as O. E. Coat and pretending to know all about the subscription accounts and the manager of Grain & Feed Journals has been collecting money from our subscribers, and leaving receipts for subscription to a monthly which has no connection with the Grain & Feed Journals. He has no authority to represent the Journals in any capacity. Look out.—Charles S. Clark, mgr.

INDIANAPOLIS LETTER

A check forger has been working in the vicinity of Lagrange, Angola and nearby territory. He is described as about 18 to 20 years old, 5.5 ft. to 6 ft. tall, weight about 125 lbs., dark hair, medium complexioned, with no visible scars; dressed as a farmer boy and working the same old racket of buying some feed stating he would be back later to pick it up, and giving a check from which payment of purchase is to be deducted, he pocketing the change. At the elevator he offered to sell some corn at a farm some distance from the elevator, stating the young man who drove the truck for this firm would know where the farm was located. He explained his father was ill and that he was doing the farm work and also attending business college at South Bend, Ind. He wanted the corn moved right away. That was his approach to presenting a check for \$30, payable to Robert Stanley, and signed in the name of Paul Marsh. The writing on the face of the check was similar to the endorsement on the back, indicating both were written by the same person. Police have been notified. Grainmen are warned to be on the watch for this man, cash no checks for any stranger, and when approached, notify state police and also telephone office of Indiana Grain & Feed Dealers Ass'n collect.—Fred K. Sale, sec'y.



"Nu-Hy" Buckets on your belt give elevator legs up to 100% more capacity—contour construction makes for better bucket spacing and full bucket loads. High sides and high front lips prevent spillage—buckets dip into grain gently—no steam shovel attack to break grain or cause excessive wear on the belt. It will pay you well to get our Capacity Analysis Form No. 76 . . . and our recommendations that follow.

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John S. Carr, for many years a grain buyer for Bachman Milling Co., and Pearl Roller Mills, died recently.

Chris Wishmier has succeeded Richard Miller as chief grain inspector of the Indianapolis Board of Trade. He has been in the inspection office for the past 50 years; Thos. Dudley has been appointed assistant grain inspector.—F. K. S.

IOWA

Everly, Ia.—The Hunting Elvtr. Co. has installed a new grain drier in its elevator.

Grundy Center, Ia.—The Farmers Co-op. Elvtr. Co. is constructing a 20 x 80 ft. storage building adjacent to its elevator.

Des Moines, Ia.—The Tuttle Coal & Feed Co. is building a 36x64 ft. cement block building to be used for feed storage.

Fort Atkinson, Ia.—Frederick Einwalter, 70, for 25 years manager of the Farmers Elevator until he retired in May, 1940, died Oct. 6.

Nora Springs, Ia.—A. O. Johnson has installed a new feed mill in Nora Springs Mill, more than doubling the capacity of the plant.

Council Bluffs, Ia.—A grass fire started a blaze that damaged a pile of grain doors at the Updike Grain Corp.'s elevator early Oct. 14.

Keystone, Ia.—Wilbie Anders has sold his feed store to Russ Millburn of Cedar Rapids and Paul Harrington of Fairfax, and given possession.

Blairsburg, Ia.—Thieves broke into the Farmers Elvtr. Co. office the night of Oct. 22. An early checkup failed to find anything missing.—A. G. T.

Colfax, Ia.—L. C. Marshall has sold his Colfax Feed Mill to Melvin Guy and Harold Maxwell, both of Colfax, who have taken possession of the business.

Altoona, Ia.—The Wise Elvtr. Co. sponsored a get-together program Sept. 25 at which educational talks and entertainment were followed by coffee and doughnuts served a large gathering of guests.

Danville, Ia.—The Danville elevator project launched last August is nearing its goal of 200 members and a fund of about \$55,000 to \$60,000. Over \$50,000 has been already subscribed and many prospective members are yet to be visited by the com'ite.

Harper, Ia.—John Miller has purchased the brick building which contained the Peiffer Bros. hardware store and will operate his feed and produce business there.

Fairfield, Ia.—Fairfield Soy Bean Mill is rebuilding its mill warehouse which burned last July. The building is expected to be completed by early November, A. E. Becker, manager, announced.

Eldora, Ia.—O. P. A. regulations and grain prices were discussed by grainmen of this area at a meeting held here the evening of Oct. 15. Wilber Hildreth of the price division of the state O. P. A. office conducted the meeting.

Thompson, Ia.—Winnebago County Farm Supply Co., Inc., has been organized; capital stock, \$10,000; to purchase, manufacture, compound, process, market, sell and distribute fertilizer, paints, seeds, serum, etc. E. R. Osterlander, pres.

Carroll, Ia.—L. D. Chambers, who has retired as manager of the Farmers Grain & Lumber Co., after 31 years of service, was honor guest at a dinner given by directors of the company at the Carroll Cafe Oct. 15. Elmer Renze, who has succeeded Mr. Chambers as manager, also was a guest on the occasion. Mr. and Mrs. Carroll will spend the winter in Yakima and Seattle, Wash.



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Jewell, Ia.—Thieves gained entrance to the Jewell Farmers Elevator Co. office by breaking a glass in the door, unlatching the bolt. Art Kalseim, mgr., reported slightly over \$40 in currency was taken. It is believed the same parties visited the Blairsburg elevator.—A. G. T.

Grundy Center, Ia.—Fred Newton, farmer south of town, was injured at the Geo. Beenken & Son. elevator recently when his left hand was caught in mechanism as he was unloading beans. Injuries incurred necessitated the amputation of his thumb and first finger of the left hand.—A. G. T.

Des Moines, Ia.—Lt. Col. Ron Kennedy, who has been with the 4th Air Force Defense Wing, has returned to the United States from England, where he has been stationed for several years. He called some of his friends here from the airport when he was on his way to his former home in the west.

Sioux City, Ia.—J. B. Roberts was elected president of the Sioux City Grain Exchange. Other officers elected are: C. B. Siegfried, vice-pres.; G. H. Winter, treas.; W. H. Marriott, re-elected sec'y. Mr. McDonald and Mr. Siegfried were re-elected to the board of directors, and E. J. Guinane was reappointed as chief inspector.

Mineola, Ia.—W. F. Bichel has purchased the H. F. Kruse elevator and coal business. The elevator has been idle since Mr. Kruse's death three years ago. Extensive repairs have been made. Four trucks and a corn sheller have been added to equipment and a full line of feed has been stocked. It is operating as the Bichel Grain & Coal Co.

Wheatland, Ia.—Dick Spencer and James Carroll have bought the elevator mill and feed business of Missel Bros. and will take possession Nov. 1. Michael and Carl Missel have owned and operated the business for nearly 17 years. Mr. Spencer has been in the feed business the past two years and Mr. Carroll has been employed in a war plant in Rock Island.

Dysart, Ia.—The W. G. Whitney elevator has completed a 70x30 ft. auxiliary building to be used as a bean storage bin. The one-room building has a capacity of about 25,000 bus. Beans will be dumped into the elevator and then spouted into the structure. A screw conveyor has been installed under the building to carry the beans back into the elevator when space is available.

Rockwell, Ia.—The Farmers Elevator's new warehouse is in use and a foundation and wall are being built for the old feed house, which has been moved south and raised to the level of the warehouse. A large loading dock will be built between the two buildings. An area has been cleared south of the elevator and a large concrete platform will be built in connection with the coal unloader which is to be installed.

Danville, Ia.—The A. D. Hayes Co. has purchased the W. A. Hanna Lbr. & Grain Co. elevator and will operate the business as the Danville Mill & Supply Co. A mill will be constructed and equipped with modern machinery at an early date, C. F. Hayes, pres. of the company, announced. The A. D. Hayes Co. now owns 8 grain storage and grinding elevators and mills in this part of the state, and has been established since 1912.

Manly, Ia.—The annual meeting of The North Iowa Co-op. Processing Ass'n announced the Manly Soybean Plant, in operation since Sept. 18, 1944, ended its first year with gross sales amounting to \$1,090,425.23. The net savings was \$43,533.16 of which \$35,857.63 was allocated patronage dividends, which amounted to \$1.42 per ton on meal and 5c a bu. on soybeans. A number of repairs and improvements are planned for the plant in the near future. Included are a new screw type conveyor to carry the beans from the storage bins to the processing plant; additions of new sections to the driers which will have about 25 per cent more capacity. Glenn Pogeler is manager.

Waterloo, Ia.—With the completion of the 21 storage bins now under construction the Soybean Processing Co., division of the Borden Co., will have a total storage capacity of over 1,000,000 bus. of soybeans. C. F. Kieser, Borden vice-pres., announced. Present capacity is 478,000 bus. The additional storage facilities will enable the plant to maintain sufficient supplies of beans for year-round operation, Mr. Kieser stated. The bins should be completed early in 1946. The local plant has achieved an outstanding production record, it was pointed out, the plant from Oct. 12, 1943 to Oct. 10, 1945 being in 24-hr. operation with only one 12-hr. halt in the whole period.

KANSAS

Voda, Kan.—The Kansas Elvtr. Co. elevator was damaged by high winds Sept. 16.

Elkhart, Kan.—Cale Cochrane is new manager of the Farmers Union Elevator.

Inman, Kan.—The Enns Milling Co. mill plant was damaged by recent high winds.

Albert, Kan.—The Farmers Mill & Elvtr. Co. is building an 80,000-bu. storage elevator.

Mayfield, Kan.—The Hunter Milling Co. reported high winds damaged its property recently.

Minneapolis, Kan.—The Bullen-Barker Grain Co. has purchased additional ground at the south of its building.

Hutchinson, Kan.—The Young & Sons Mercantile Co. reported property damaged by recent high winds.

Hammer (Milton p.o.), Kan.—The Kansas Milling Co. elevator was damaged by high winds on Sept. 21.

Seneca, Kan.—The Farmers Elevator building is receiving a new coat of white paint. The paint is being sprayed on.—G.M.H.

Turon, Kan.—Calvin L. Ely, 96, who was a traveling salesman for the Stafford County Milling Co. of Hudson, Kan., died Oct. 21.—G. M. H.

Salina, Kan.—Edward A. Schumaker, 73, a former employee of the Shellabarger mill, died Sept. 30. He had lived in Salina for 67 years.—G. M. H.

Junction City, Kan.—Roy Folck, Jr., has taken over his new duties as manager of the feed and grain department of the Junction City Milling Co.

Pittsburg, Kan.—The safe in the office of the Pittsburg Elevator was damaged recently when an attempt was made by burglars to open it.—G.M.H.

Wichita, Kan.—The Roth Grain Co. has moved its office to Room 701 of the WKH Bldg., being same floor occupied by the Wichita Board of Trade.—D.L.M.

Riley, Kan.—Edwin Hedstrom, manager of the Riley Grain & Coal Co., is the new president of the Riley Lions Club which was organized recently.—G.M.H.

Junction City, Kan.—The wagon scale room at the Morrison Grain Elevator was rebuilt recently after it had been damaged by a heavy truck crashing into it.—G.M.H.

Geneseo, Kan.—Burr Storey, now employed in Wichita, Kan., will come here after the first of the year, having contracted to buy grain for one of the Geneseo elevators.—G.M.H.

Lindsborg, Kan.—Concrete storage of 225,000 bus. capacity will be built here by the Lindsborg Milling & Elvtr. Co., subsidiary of the Rodney Milling Co., Kansas City, Mo.

Willis, Kan.—The Zentmyer Grain & Coal Co. elevator has been sold by J. W. Zentmyer to the Norris Grain Co. who will remodel the plant. Mr. Zentmyer will remain as manager of the elevator.

Leavenworth, Kan.—The safe in the Ashby mill office of Ashby & Sons was broken open recently and looted, the loss including 26 \$25 war bonds owned by Bertram P. Ashby, senior member of the firm.

Geneseo, Kan.—The Burke Grain Co. has started construction of its 50,000 bus elevator on the Santa Fe trackage.—G. M. H.

Holyrood, Kan.—The Holyrood Co-op. Grain & Supply Co. started work recently on a 100,000-bu. grain elevator. Excavating is under way for the foundation and pits. The new elevator will cost \$50,000.—G. M. H.

Frizell, Kan.—Two haying crews of the alfalfa dehydrating plant here make hay whether the sun shines or not, because they cut the hay, wet or dry. The hay goes into a drier, anyway, so it doesn't matter.—G. M. H.

Wichita, Kan.—George W. Lowry, president of the Wichita Flour Mills, recently was elected as local chairman of the 1945 Tuberculosis Christmas seal sales campaign. Mr. Lowry is active in many civic enterprises.—G. M. H.

Pratt, Kan.—The old mill of the Pratt Milling Co., one of the city's first industries, was razed recently after the smoke stack and steam condenser were blown over in a storm. The mill had not been used for years.—G. M. H.

Caruso (Goodland p.o.), Kan.—The G. E. Fike Grain Co. elevator will be open only Tuesday and Friday of each week until further announcement, according to Guy Fike, who operates the local house and the elevator at Edson.

Frizell, Kan.—The local alfalfa dehydrating plant has processed more than 3,000 tons of alfalfa hay purchased from growers in this locality during this year's haying season. The mill is owned by W. J. Small of Neodesha.—G. M. H.

Seneca, Kan.—Paul Mathewson recently sustained injuries at the Winterscheidt Elevator while helping with the building of an addition at the elevator when a heavy steel beam was accidentally dropped on his left foot. The foot was mashed, but X-rays did not reveal any broken bones.—G. M. H.

Timken, Kan.—The Farmers Elevtr. Co. elevator and contents were completely destroyed by fire recently that started in the headhouse from the motor or wiring. The elevator, which had a capacity of 18,000 bus., contained only 3,000 bus. of grain at the time of the fire, George Botts, manager, said.—G. M. H.

Belvue, Kan.—The Jones Alfalfa Milling Co. is purchasing material for the erection of a one-unit alfalfa dehydrating plant here. Ed. Jones, owner, said that he had bought three-quarters acre of land for the site, and has leased a strip of ground 1,100 ft. long and 150 ft. wide from the U. P. R. R.—G. M. H.

Minneola, Kan.—Burglars recently entered offices of the Minneola Co-operative Exchange and made off with a check protector, a Burroughs adding machine designed to calculate both bushels and dollars, a Remington typewriter, a radio set and an 18-inch planer. Entrance was gained thru a window.—G. M. H.

Russell, Kan.—Plans have been completed for construction of 150,000 bus. additional concrete storage for the Russell Milling Co. plant, a subsidiary of the Rodney Milling Co., and will give that company aggregate wheat capacity of 400,000 bus. Work on the new construction will start upon completion of additions being built at McPherson, Kan., and Lindsborg, Kan.

Hugoton, Kan.—A 50,000-bu. elevator will soon be built across the street from the Southwest Grain Co. elevator by Ben and Roy Parsons, extensive wheat growers in Northern Stevens County. They are making provisions to store their own wheat. The new elevator will be of concrete. The Santa Fe is arranging to build a railway switch to the site.—G. M. H.

Hutchinson, Kan.—Geo. H. Bidwell, manager of Wolcott & Lincoln, Inc., has announced that he has submitted his resignation to the firm, and that he will open his new office on the seventh floor of the Wiley building about Nov. 1. The new firm will be known as the Bidwell Grain Co. Mr. Bidwell has been associated with Wolcott & Lincoln for the past 12 years.—G. M. H.

Topeka, Kan.—John Forsberg, who was employed by the J. R. Shimer Feed Co. before he entered the armed service in November, 1942, received his honorable discharge recently and plans to return to his former job with Shimer's.—G. M. H.

McPherson, Kan.—It is hoped that the battery or storage tanks now in construction at the Rodney Milling Co. will be completed and in use by Dec. 15. The new tanks will double the present storage capacity and give the mill space for nearly 300,000 bus.—G. M. H.

Canton, Kan.—M. D. Fisher returned recently after nearly three years of service in the army and is now employed as manager of the Canton Grain Co. Before going into service he had been manager for several years of the Farmers Co-operative Grain Co. He succeeds Paul Bucy who is moving to Hutchinson, where he will be connected with the Grain Belt Elevator Co.—G. M. H.

Partridge, Kan.—The Partridge Co-operative Equity Exchange elevator recently sustained damages when fire broke out in the top of the headhouse because of friction of moving belts. As grain was being elevated a belt slipped, and sparks caused by friction as it rubbed against other belts ignited grain and the rafters. Damage estimated at \$100. Hutchison firemen extinguished the blaze.—G. M. H.

Wichita, Kan.—During the past harvest season, 80 farmers in Sedgwick county who raised Pawnee wheat received about \$52,000 in seed premiums and \$30,000 through the increase in yield on 30-bus. wheat compared to the 15-bus. average, County Agent A. H. Stephenson said recently. "The 1200 wheat growers are planting 40,000 acres of the Pawnee wheat for the 1946 harvest. This year the premium was \$1.50 on certified seed and \$1 on uncertified seed. Pawnee wheat matures about three to four days earlier than Tenmarq."—G. M. A.

Salina, Kan.—The International Milling Co., with flour mills in central and eastern states, recently purchased the controlling interest in Shellabargers, Inc., Chas. Ritz, pres., announced. The Shellabarger properties include storage facilities for 3,500,000 bus., and commercial feed manufacturing facilities. The units include the local main milling property and mills at Clay Center, Kan., and the Junction City Milling Co. at Junction City, the local Shellabarger Terminal Elevator of 2,000,000 bus. capacity and 26 country elevators.—G. M. H.

Hutchinson, Kan.—Fred J. Houser, active in Hutchinson grain market, recently was named local manager of Wolcott & Lincoln Co., Inc. He succeeds George H. Bidwell, who resigned several weeks ago to open his own grain company in the Wiley building.—G. M. H.

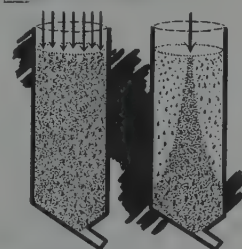
Moundridge, Kan.—Eighteen carloads of flour, milled at less than cost by the Moundridge Milling Co., have been donated to European relief by Moundridge and neighboring communities in a two-week campaign just completed. The flour was packed in bags carrying the names of the communities, and will be sent to the Brethren Service Com'te in Chicago for delivery to Europe.—G. M. H.

Topeka, Kan.—The sprinkling system of the Forbes Bros. Central Mills at Topeka is credited with preventing the mill from being destroyed by fire recently. A blaze started in the drying room on the second floor, but as soon as the room became hot, the sprinkling system began operating, and the fire was practically extinguished before firemen arrived. A Boyce Forbes said that the water damage would exceed the fire loss, but that the sprinkling system saved the mill.—G. M. H.

Manhattan, Kan.—A school for instruction and study of wheat will be held at the Agricultural College Nov. 12 to 16 and a second from Nov. 19 to 21. Instruction of the schools will be under the direction of Prof. L. P. Reitz. The schools will be divided into the beginners' group which meets the first week, and the advanced group which meets the second week. Students at the schools include grain buyers, cereal chemists, licensed grain inspectors and federal grain supervisors. The top limit that can be handled in each group is 50, and at the rate enrollments are being made the maximum number is expected to be reached before the opening date of each school. If sufficient interest is shown, another school would be started later on for those who are not able to enter. The students will spend most of their time in the fields crops department laboratory, making intensive studies of wheat kernels and the characteristics that identify the various varieties and types. Heading the list of lecturers and instructors for the schools are Dean L. E. Call, Prof. R. I. Throckmorton, Profs. Shellenberger, Clapp, Laude, Davis, Zahnley, Lowe and C. E. Skiver of Kansas Wheat Improvement Ass'n. Willis B. Combs, federal grain inspection service, Chicago, also will be present.

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KENTUCKY

Stanford, Ky.—Lightning struck the brick stack at the Baughman Milling Co. plant on Sept. 23, causing considerable damage.

Hodgenville, Ky.—Jas. R. Howell sold the Hodgenville Roller Mills to Millard Shivers and Lee Goodwin who took possession Oct. 1. Mr. Howell owned and operated the mill for the past 25 years.

Louisville, Ky.—Almond Cooke and V. V. Cooke, owners and operators of the Cooke Wholesale Feed Co., will build a \$60,000 wholesale feed and implement store, to be ready for occupancy about Jan. 1.

Ashland, Ky.—Myers, Clark & Co., Inc., was incorporated Oct. 19, with a capital of \$150,000, and will engage in a merchandising business that will include feeds for live stock. The incorporators are Robert H. Myers, Ross K. Clark, Joseph C. Burris, Earl McKinney and Louis P. Killbrow.—P. J. P.

Louisville, Ky.—Four negroes were charged with grand larceny Oct. 27 in connection with the theft of 300 bags of soybean meal from the Aubrey Feed Co., East Chestnut St., between Oct. 1 and 26. Police said they apprehended the group while they were unloading 28 bags of the meal at Leroy Keel's livery stable. Keel was one of the quartet, the others being Geo. H. Lawson, 42, employed at the feed company; Joe Hayden, 45; Tyler Wims, 37.—A. W. W.

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- 411-5 contains 60 sets Form A, 10 Form B, 10 Form C, 10 Form D and 10 Form E.

Grain & Feed Journals

Consolidated

327 South La Salle St., Chicago 4, Ill.

Louisville, Ky.—Conrad J. Clausen, operator of the Clausen Feed Store, reported the theft of \$498 from a drawer at the store.—A. W. W.

Louisville, Ky.—Clay W. Smith has been named manager of General Mills, Inc.'s central division's Louisville properties, with headquarters here.

MARYLAND

Baltimore, Md.—The Southern States Co-op. will spend approximately \$6,000,000 on an expansion program during the next two years. The largest individual expenditure will be \$2,000,000 for a modern feed mill here, with twice the capacity of the present plant which turns out approximately 45 carloads of feed per day.—G. E. T.

MICHIGAN

Fairgrove, Mich.—Wallace & Morley Co. has installed a hammer mill.

Elkton, Mich.—The Wallace & Morley elevator was damaged by high winds recently.

Bentley, Mich.—W. B. Baum & Son have installed a Kelly-Duplex Sheller and 7.5-h.p. fully enclosed motor in their local elevator.

Climax, Mich.—The Climax Elevator which has been owned and operated by Fred Lanko has been purchased by Little Bros. of Kalamazoo, who are now operating it.

Middleville, Mich.—Emmerson Lind has sold his elevator business to Arnold Parker, who, with his father, Albert Parker, will continue the grain and feed business of the Middleville Elvtr. Co.

Brooklyn, Mich.—A new hammer mill with tramp iron separator was installed recently in the Brooklyn Elevator operated by E. J. O'Roark. He also installed a mixer driven by a fully enclosed motor.

Fowlerville, Mich.—M. F. Henry, manager of the Fowlerville Co-op. Ass'n, reports the Ass'n is installing in its elevator a new A. D. Hughes Hammer Mill to be driven by a 50-h.p. motor, and two feed mixers.

Coopersville, Mich.—The feed grinding capacity of the Coopersville Co-op. Elevator has been increased considerably by the installation of a D. E. Hughes Hammer Mill with a 75-h.p. motor on the mill shaft, a 15-h.p. motor on the fan, and a 5-h.p. motor on the crusher. Two Duplex Mixers were added also. All motors are of the fully enclosed type.

Carland, Mich.—Merle H. Green of Elsie, Mich., who recently purchased the elevator business of E. O. Smith & Son with elevators here and at Ovid and St. Johns, Mich., recently conducted one of the largest sales of thoroughbred Holstein cattle ever held in Michigan when 335 head of registered Holstein cattle were sold, the auction sale covering two full days under a mammoth tent. Mr. Green said that the handling of a large farm and the operation of three grain and bean elevators will keep him busy for some time.—G. W. Y.

MINNESOTA

Chaska, Minn.—The Teske Coal & Feed Co. elevator is being repaired and painted.

Milan, Minn.—W. H. Ryan is new manager of the Milan Grain & Supply Co. elevator.

Erskine, Minn.—H. M. C. Howland is new manager of the St. Anthony & Dakota Elvtr. Co.

Spring Grove, Minn.—The Farmers Elvtr. Co. elevator was damaged by high winds on Sept. 23.

Tintah, Minn.—Wm. F. Moore is now manager of the St. Anthony & Dakota Elvtr. Co. elevator.

Luverne, Minn.—A plant employing 25 men and to cost \$50,000 will be in operation in Luverne next year and will dehydrate alfalfa as a commercial feed ingredient.—P. J. P.

Delano, Minn.—A new Archer feed store unit will be operated here by Val Styrbicky of the Delano Elvtr. Co.

Lancaster, Minn.—A. O. Anderson, manager of the Farmers Elevator, died unexpectedly at his home Oct. 10.

Fairmont, Minn.—The Rippe Grain & Milling Co. will erect a store building, one story, of brick and tile, on North Ave.

Lyle, Minn.—The Lyle Feed Mill has been improved and enlarged. Joe M. Kulff is owner and A. C. Erickson, manager.

Crookston, Minn.—The Crookston Milling Co. recently was enrolled as a new member in the Farmers Grain Dealers Ass'n of North Dakota. Leon Orcutt of Mountain Iron has been named manager, succeeding Elmer Anderson, sec'y-treas. of the firm.

Mankato, Minn.—Corn and soybean schools sponsored by the Northwest Crop Improvement Ass'n were scheduled to be held at several towns, the first one here Oct. 15; others at Lakefield, Minn., Oct. 16; Marshall, Minn., Oct. 17; Morris, Minn., Oct. 22.

Minnesota, Minn.—Homer C. Everly, of Redfield, Ia., has succeeded Herman Wiese as manager of the Community Elevator. Mr. Wiese has been transferred by Cargill, Inc., to Conrad, Mont., where he will manage a feed department in the company's elevator.

Moorhead, Minn.—Roy L. Carter, formerly manager of the Rocklake (N. D.) Farmers Union Elvtr. Ass'n elevator, is now grain buyer in the main plant of the Moorhead Farmers Elvtr. Co. Mr. Carter resigned from his former position last summer to take up his present one.

Kasota, Minn.—Hubbard & Palmer Co. is constructing a shelled corn drying plant in connection with its local elevator. The plant is expected to be in operation by Nov. 15. The building will be of concrete, 63 ft. high and 25 ft. square, with a daily capacity of 10 cars of corn.

Windom, Minn.—J. G. Dill Co., Wabasha, Minn., employer of Alvin H. Ohlsen, manager of the local J. G. Dill Co. elevator who was drowned in the Des Plaines River with a customer, Geo. Morrison, Okabena, Minn., while on a "good will" fishing trip in May, 1944, and Bituminous Casualty Co., Bloomington, Ill., have appealed to the State supreme court from a \$7,500 judgment awarded the widow. The appeal was taken on the claim the fishing trip was not "in the course of his employment." The award was on the basis of \$18.46 weekly compensation up to \$7,500.—P. J. P.

Savage, Minn.—Cargill, Inc., plans to construct a flax mill and grain elevator, together with a fleet of barges at the Cargill shipyard. The plan is to operate the fleet to carry commodities on the Mississippi River and its tributaries to what is to be built into a major inland port grain terminal and rail-and-water transfer point. Flax processing, which the company has operated in Montana, is included in the company's plan for future development of Port Cargill, to which end the company is conducting exploration and investigation. E. J. Grimes, v-pres. of Cargill, Inc., announced. The mill and elevator scheduled for immediate construction will have a storage capacity of about 35,000 bus.

MINNEAPOLIS LETTER

Geo. H. Lambert has been appointed vice-pres. of the Sperry Division of General Mills, Inc. He has been manager of formula feed sales operations for Sperry since November, 1941.

Frank J. Seidl, in charge of barley operations, was elected vice-pres. of the Archer-Daniels, Midland Co. G. A. Mairs, recently returned from the service, was elected to the office of assistant treasurer of the company.

The directors of the Minneapolis Chamber of Commerce have ordered rye futures trading in July, 1946, and later months stopped on Nov. 1 until further notice.

Louis B. Falb, formerly of the Chicago office of General Mills, Inc., has been appointed manager of central division's Minneapolis properties with headquarters in the McKnight Bldg.

Thos. Haffely, 3544 Hiawatha Ave., filed suit in district court for \$6,000 against Commander-Larrabee Mlg. Co., Minneapolis Mlg. Co., Commander Mlg. Co. and Commander-Larrabee Corp., operators of a mill on Hiawatha Ave. between Thirty-fifth and Thirty-sixth Sts., because of alleged damage to his house and loss of sleep and health caused, Haffely alleges, by vibrations of large diesel engines used to operate the mill.—P.J.P.

ST. PAUL LETTER

The Farmers Union Grain Terminal Ass'n has filed an amendment extending time of existence to 50 years and increasing capital to \$10,050,000.

Chas. E. Parish, supervisor of the local grain warehouses for 12 years and an employee of the Minnesota Railroad & Warehouse commission for nearly 37 years, resigned, effective Oct. 1, and has taken a position with Foxbitt Feeds of Des Moines, Ia., covering a territory in east central Minnesota and making his headquarters here. Leslie J. Burch, another veteran employee of the commission, succeeds him.

The University short course in animal nutrition had a total registration on 101 feed manufacturers and dealers for the two days. W. H. Peters, chief of the division of animal and poultry husbandry at University farm, told registrants the best roughage and best feed in the world for livestock is green grass. After grass he listed alfalfa; the other legume crops, which develop from 12 to 17 per cent protein and finally the large group of non-legume crops, which develop 6 to 9 per cent protein.

The Farmers Union Grain Terminal Ass'n, St. Paul, the Midland Co-op. Wholesale of Minneapolis, the Central Co-operative Wholesale of Superior, Wis., and the Farmers Union Central Exchange of South St. Paul have joined to organize the Northwest Co-op. Mills, Inc., to handle co-operative feed and seed distribution among farmers in a wide area. Headquarters will be here. A. H. Roffers, for six years head of the feed, fertilizer and seed department for Midland, has been named manager. Sites have been purchased for two new buildings here, the first to handle feed operations for the new joint co-op., will cost about \$200,000. Construction to start as soon as materials are available. The second plant, to be built later for handling seed distribution, will cost about \$80,000. The new corporation also announced these branch activities: Menomonie, Wis., acquisition of a soybean processing plant, which was built and previously had been operated by the Farmers Union Central Exchange; at Green Bay, Wis., the construction of a fertilizer plant; at Thief River Falls, Minn., the leasing of a seed plant principally for handling different varieties of clover, alfalfa and grass seeds.

MISSOURI

Doniphan, Mo.—H. A. Ballard has purchased the Dixie Feed Store from Roy Venable—P.J.P.

Bethany, Mo.—S. G. Smith has purchased the Bethany Feed Store from Cleve Reece of Eagleville.

Rolla, Mo.—Frank H. Blue and Murray C. Renick held a formal opening of the new Rolla Feed Mill recently.

Sedalia, Mo.—The Producers Produce Co. sustained a fire loss Oct. 1, the blaze started by an overheated flue.

Sturgeon, Mo.—Rice Robinson sold his feed store to Robert Sappington, who is in possession of the business.

Kewanee, Mo.—Paul Trout, formerly with Stoddard County Grain Co. at Advance, Mo., now is operating the Kewanee Grain Co. elevator.

Silex, Mo.—Richard Humphrey, associated with the Farmers' Elevator Co., and Miss Nadine Junge were married Sept. 12 at Millwood, Mo.—P.J.P.

Paxton, Mo.—Carl Shelby has let a contract to Anest L. Carlson for erection of a feed mill to adjoin his elevator and a warehouse and storage plant west of the structure.

Plattsburg, Mo.—A new 17,000-bu. elevator is being built here near the Santa Fe station by Halferty Bros., large truck operators. The Olsen Const. Co. is doing the work.—G.M.H.

Bethany, Mo.—Rucker's Imperial Hatchery recently purchased an elevator and warehouse which will be converted into a mill for manufacturing chick and poultry mash for its hatcheries and brooder plants.—G.M.H.

Lee's Summit, Mo.—The Green Bros. Seed Co. of Nashville, Tenn., which bought the Lee's Summit mill a year ago from the late Mayor Jos. S. Noel, has sold its interests here to Walter M. Green, Jr. and Elner Kessler.—P.J.P.

Mexico, Mo.—Contracts for construction of a one-story soybean processing plant and brick warehouse for the M.F.A. Co-op. Grain & Feed Co. have been awarded by Horner & Wyatt, consulting engineers. The plant and machinery will cost about \$90,000. An elevator is under construction for the plant, Jones-Hettelsater Const. Co. having the contract.

Columbia, Mo.—A bolt of lightning caused a fire that destroyed the mill of the Missouri Farmers Ass'n here Oct. 18. The loss is fully covered by insurance. H. G. Maledy, manager of the company said. The Co-operative has moved its business to the old Broadway Mill and has resumed operations. Remodeling and enlargement of the plant already has begun. J. G. Maledy is manager.—P.J.P.

KANSAS CITY LETTER

The Corn Products Refining Co. has started a \$9,000,000 expansion of its Kansas City plant, primarily to increase dextrose sugar production from the present 190 ton output to 400 tons a day.

Edward M. Costello, 44, former state grain inspector, died Oct. 21.—G.M.H.

Roy E. Swenson has been appointed manager of General Mills, Inc., central division's Kansas City, Wichita properties, with headquarters in Kansas City. Chas. G. Ferguson, formerly of the Chicago office has been appointed Mr. Swenson's assistant.

Col. Francis J. Fitzpatrick, now on leave as vice-pres. of the Simonds-Shields, Theis Grain Co., recently returned from the Canal Zone on the U.S.S. Missouri, and after stopping in New York where Navy Day was celebrated Oct. 27, continued on to Fort Leavenworth where he awaits discharge. He will then return to his duties with the local company.

Lieut. Col. Francis J. Fitzpatrick, vice-pres. of the Simonds-Shields-Theis Grain Co., recently was awarded the Legion of Merit by Lieut. Gen. George Brett as a ceremony performed in Panama. Col. Fitzpatrick was given this award in recognition of outstanding performance of duty from Jan. 13 to Oct. 2. Recently he returned to the United States aboard the Missouri.—G. M. H.

The Herring Sales Co. has been formed to engage in the handling of feed and grain products, Wayne Herring has announced. The company will take over the feed ingredient business of the J. T. Sexton Co., which will devote its full time to the manufacture and sale of its vitamin products. Mr. Herring has been in charge of feed ingredient purchases here for the Central Division of General Mills, Inc., for the past 10 years.

ST. JOSEPH LETTER

The Fogarty Coal & Grain Co., which has the wholesale and retail accounts in the St. Joseph area for the Purina Mills, and does a large volume of business in grain, mill feeds and coal, has purchased ground here and will erect a brick building for storing various kinds of supplies.—P. J. P.

The St. Joseph Testing Laboratories, Inc., of which Charles Geiger is pres., plans to establish a seed testing laboratory here as a part of its post-war activities. Mrs. Harriet Marsh, daughter of a seed man and with much experience in the analytic field, has been engaged as chief analyst.—P. J. P.

The Dannen Grain & Milling Co. has outlined a building program for the peace era that will include a million-bushel grain storage elevator and a new feed mill of five or six stories. The elevator will have about 30 storage tanks adjoining. The construction of a large soybean oil refining plant is being considered.—P. J. P.

Capt. Jos. T. Johnson, Jr., who was a member of the personnel of the Quaker Oats Co. before entering the army, received his honorable discharge at Fort Leavenworth, Kan., and has returned to this city. Capt. Johnson, who was in the quartermaster corps, spent four and a half years in the army, the last twenty months in France and Germany.—P. J. P.



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MONTANA

Carter, Mont.—The Greely Elvtr. Co. elevator was damaged recently by high winds.

Wagner, Mont.—Geo. A. Aikens is new manager of the St. Anthony & Dakota Elvtr. Co. elevator.

Whitewater, Mont.—B. H. Brown has succeeded Geo. A. Aikens as manager of the St. Anthony & Dakota Elvtr. Co. elevator.

Chinook, Mont.—The local mill and elevator is installing a roller mill for processing of feed for livestock. It is a new industry in this part of the state.—F. K. H.

NEBRASKA

Marsland, Neb.—The Marsland Elevator owned and operated by Geo. H. Young, burned recently.

McCook, Neb.—Jack Milbauer has succeeded Ed Caya as manager of the McCook Equity Exchange.

Kearney, Neb.—The Kaw Dehydrating Co. of Topeka, Kan., will install an alfalfa dedrying plant here.

Omaha, Neb.—Max Bates, Bates Grain Co., Kansas City, Mo., was elected a member of the Omaha Grain Exchange.

Waverly, Neb.—The Farmers Co-op. Grain Co. elevator has been given a new coat of aluminum paint.—H. M. L.

Olysses, Neb.—The Farmers elevator of the Farmers Grain & Supply Co. has been given a coat of aluminum paint.—H. M. L.

Creston, Neb.—The 30,000-bu. elevator on land farmed by Helmuth Loseke, once used by E. T. Graham, pioneer, in his feedings operations, is being razed.

Hartington, Neb.—Art Arens has sold the Star Elevator to Frank J. Becker, who will take possession of the business Nov. 1. A. C. Trautman will continue as manager.

Meadow Grove, Neb.—The Continental Grain Co. recently installed a feed grinding mill in the local plant. More equipment is on the way and when installed will greatly increase the feed output.

Auburn, Neb.—Allison F. Gibbs, 56, who owned and operated the Auburn Hatchery and Gibbs Grain Co. elevator, died at St. Elizabeth's Hospital in Lincoln after suffering a heart seizure while in Lincoln.

Omaha, Neb.—An inventory of the estate of Harry M. Smith, pres. of the Valley Feed Yards, filed in the probate court here, shows its value to be \$147,448, including a \$93,000 interest in the feed yards.—P. J. P.

Rockford, Neb.—The Rockford Grain Co. has appealed to district court from a county court award of \$421.38 damages to Roy Siems. The suit was an outgrowth of a collision between Siems' auto and a company truck driven by Lawrence Armstrong near Filley on Oct. 30, 1944.

Wood River, Neb.—The Wood River Alfalfa Milling Co. has been incorporated; authorized capital, \$80,000; incorporators, John F. Dobbertin, Elmer H. Riesland, Vere R. May, Gilmore R. Wiseman, Edwin O. Lilley, and Elmer C. Huxtable, of Wood River, and C. F. Kuncel, Jr., of Omaha.

Omaha, Neb.—Two modern alfalfa dehydrating and mills plants will be built by C. F. Kuncel, Jr., of Palm Bros. & Kuncel, Ltd., one plant to be located in Hall County, the other in Saline County. The plants will be of fire-proof construction and are expected to be in operation for 1946.

Wolbach, Neb.—At a meeting of the board of directors held Oct. 17 Harold D. Nielsen, manager for 10 years, announced his resignation. We are holding the job open for 30 days for applications. It was voted to spend any amount necessary to rebuild elevator facilities. 1945 was the largest volume of grain handled in history of the elevator.—Farmers Union Co-op Ass'n.

Doniphan, Neb.—The Doniphan Grain & Elvtr. Co. elevator, operated by W. M. McNeil and managed by Frank H. Alton, is being painted and remodeled completely. New high speed cups, direct drier, and heavy duty truck dump are being installed. The repair work is being done by Ira J. Herring.

North Platte, Neb.—Neuton Gregg of Cozad is manager of the new Birdwood Dehydrating plant, alfalfa products plant that will be in operation in time for the 1946 crop. The complete line of machinery necessary for the plant has been purchased and construction of the buildings is expected to get underway within a short time.

NEW ENGLAND

Laconia, N. H.—The Lakes Region Feed & Supply Co. has been incorporated in New Hampshire and will do business here under that name. The new firm has taken over the local branch of General Mills, Inc. Officers of the new company are: Walter S. Staples, pres. and treas.; S. Gilbert Emilio, v-pres. and sec'y; Fred A. Tilton, clerk; Lewis H. Wilkinson and Alcide O. Cormier, directors.

NEW YORK

New York, N. Y.—New York Produce Exchange regular memberships during the past few months have taken a swift upturn, their asking price now, \$2,000, with a recent sale at \$1,600.

Buffalo, N. Y.—Michael M. Fredel, 73, supt. of the Standard Milling Co. and its predecessor, the Hecker, Jones, Jewell Mfg. Co., here and New York, N. Y., for 33 years, died Oct. 17 in Mercy Hospital after a short illness. He was former national pres. of the Ass'n of Operative Millers and past chairman of Buffalo District No. 8.—G.E.T.

New York, N. Y.—H. R. Stuart has rejoined the commodities department staff of E. F. Hutton & Co., after serving with the W.P.B. in Washington as chief of the Warehouse Branch, Steel Division. Bernard E. Shedd, recently of the U.S. Army and formerly vice-pres. of the Commodity Research Bureau, Inc., also has been added to the department.

NORTH DAKOTA

Kelly Station, N. D.—The Kelly Grain Co. elevator was damaged by recent high winds.

Blanchard, N. D.—B. A. Kirkeby is new manager of the Farmers Union Grain Co. elevator.

Wishek, N. D.—Peter Gall is the new manager of the Doyle Grain Co., succeeding John Decker.

Strasburg, N. D.—Adam Lacher is new manager of the St. Anthony & Dakota Elvtr. Co. elevator.

Considine, N. D.—O. J. Ingebreton is new manager of the St. Anthony & Dakota Elvtr. Co. elevator.

Rogers, N. D.—Arnold Hardtad is the new agent for the Osborne-McMillan Elvtr. Co. here, succeeding Malvert Lomsdal who resigned and is moving to Ulen, Minn.

Reynolds, N. D.—A truck went out of control on the driveway of the potato warehouse of the Farmers Elvtr. Co. recently and smashed into the storage tank north of the office.

Napoleon, N. D.—J. O. Meier, manager of the Farmers Union Elevator, resigned effective Oct. 15, and has gone to California. Ben Fettig, who has been assistant manager, has succeeded him as manager.

Newville, N. D.—The Farmers Elvtr. Co. of Egeland, N. D. has purchased from the Farmers Union Grain Terminal Ass'n the local St. Anthony & Dakota Elevator and will operate it as the Newville Farmers Elvtr. Co. with Reu Grove in charge. The elevator has a 38,000-bu. storage capacity. Besides dealing in grain, coal and twine will be handled.

Kloten, N. D.—Clarence Broe, 64, manager of the Farmers Union Elvtr. Co. elevator, was seriously injured when his automobile crashed into a freight train at a local crossing. He was removed to a Sharon hospital.

Rocklake, N. D.—John Birnie, formerly assistant manager of the Farmers Union Elvtr. Ass'n elevator, succeeded John Birnie as manager. Mr. Birnie resigned to accept a position with Moorhead (Minn.) Elvtr. Co.

Bismarck, N. D.—The Farmers Grain Dealers Ass'n of North Dakota will hold its 1946 annual convention here Jan. 22, 23 and 24, C. H. Conaway, sec'y, announced following a meeting of the executive com'te in Fargo Oct. 15.

Coleharbor, N. D.—Fire destroyed the Peavey Elevator and annex Oct. 16 and about 50,000 bu. of new grain the buildings contained. Total capacity of the structures was 100,000 bu. The blaze started in the cupola. Art T. Gullickson is manager of the elevator.—A.M.M.

Jamestown, N. D.—Will B. Hibbard, 71, died at his home here Oct. 3. He formerly managed the Equity Elvtr. Co. elevator at Sheldon later being manager of the State Mill & Elevator at Drake, the Equity Elevator at Millerton, Klose Farmers Elevator and the Farmers Co-op. Elevator at East Edge.

Arthur, N. D.—The Farmers Elvtr. Co. has purchased from the Farmers Union Grain Terminal Ass'n the local unit of the St. Anthony & Dakota Elvtr. Division. The 70,000 bu. elevator is equipped with scale, cleaning machinery and coal sheds. Alton Burgum, manager of the Farmers Elevator, stated a modern grain drier will be installed in the St. Anthony unit and other minor improvements will be made to the plant. The middle seed house elevator will be completely iron clad, giving the company a total storage capacity of 250,000 bu.

OHIO

Tiffin, O.—The Farmers Co-op. Inc., elevator was damaged by high winds Sept. 10.

Urbana, O.—Earl Davidson recently accepted a position at Urbana Mills where he will handle purchases.

Columbus, O.—J. S. Bache & Co., who have offices at 16 Broad St., have installed a grain ticker. Luke Green is local manager.—P.J.P.

Carey, O.—The Farmers Co-op. Co. is installing a grain drier which is expected to be in operation in time to take care of the wheat crop this fall.

Bryan, O.—M. Clifford Townsend, vice-pres. of the Central Soya Co., Ft. Wayne, Ind., appeared before the Bryan Rotary Club as guest speaker Oct. 19.—R.W.D.

Nelsonville, O.—Two 10-year-old boys were charged with entering the Nelsonville Feed Store recently in a midnight robbery and taking 33 ears of corn and two cans of paint.

Middle Point, O.—H. G. Pollock, well known member of the National Hay Ass'n, Inc., has been seriously ill in the Memorial Hospital at Lima, O., since Sept. 24. An operation was to have been performed on Oct. 15.

Bucyrus, O.—The Zeigler Milling Co. is constructing a storage building for seeds west of its Perry St. mill. The East St. elevator, used for seed storage, will now be used to store wheat, soybeans, and other products.

Hilliards, O.—The Russell Grain Co. will install two new ton mixers and automatic weighing scale in its feed division about Nov. 1, Bliss Russell, owner, announced. This will more than double the present capacity and speed up handling of customers' grinding and mixing.

Cincinnati, O.—The Drackett Co., soybean processors, will build a 1,000,000-bu. elevator and complete headhouse. Contract was let to the Jones-Hettelsater Const. Co. and work is expected to get under way at once. Aggregate cost of the elevator and headhouse has been placed at about \$600,000.

Columbus, O.—Little more than walls remained standing on the site of the Gwinn Milling Co. corn drying unit after a dust explosion and fire the night of Nov. 3 in which M. R. Barrett, 70, night watchman, was fatally burned. Barrett was blown thru a door at the mill by the blast, suffering burns over his face, hands and legs. He died in St. Francis Hospital 22 hours later. Loss of the mill was estimated at more than \$500,000 by Clarence E. Gwinn, pres. of the firm. After being removed to hospital, Barrett told firemen he saw the blaze in the mill while making his rounds and after turning in the alarm had the flames about stamped out when the blast occurred, set off by a spark from the fire. The head house and adjoining concrete bins of 950,000 bus. capacity escaped damage, but a large conveyor used to carry grain from the bins to the mill was burned. A small blaze was extinguished by firemen in the granary on Oct. 31. D. H. Wilson, general manager, stated milling and building engineers were called to the plant immediately to make a survey of the damages and ascertain cost details in connection with remodeling and rebuilding the units lost by the fire. Company officials hope to be able to undertake rebuilding at once.—R. P. R.

OKLAHOMA

Keys, Okla.—Texhoma Grain Co. recently completed plans for construction here of a 150,000-bu. elevator.

Waukomis, Okla.—The Waukomis Co-op. Supply Co. sustained a small loss from fire on Oct. 6, originating from defective electrical wiring.

Ardmore, Okla.—The Ardmore cotton mill is dismantling its crushing machinery and installing machinery for a feed manufacturing plant.

Perry, Okla.—J. D. Nelson, who recently received his discharge from the army, is now manager of the Stillwater Mill & Elevator Co.'s local elevator, succeeding Byron Bartow, who resigned.

Fairfax, Okla.—The Fairfax Elevator is operating a new feed mixing machine of 80 bus. capacity, capable of mixing three tons an hour. A new grinder and pellet making machine also are being installed. The company recently completed construction of an office.

Jones, Okla.—The Jones City Mill has been sold by C. O. Mulhausen to Frank Burchfield, who has taken possession of the business. A new hammer mill has been installed and grinding will be done every day. An addition will be added to the store part of the business and a line of groceries will be stocked.

PACIFIC NORTHWEST

Tacoma, Wash.—The Roman Meal Co. will build a \$26,000 addition to its plant.

Montpelier, Ida.—Globe Mills is building an elevator here, the Hogenson Const. Co. having the contract.

Vancouver, Wash.—Purchase of the Superior Feed Co. plant is announced by Hugh Martin, formerly in the government grain service and for many years chief buyer for Kerr Gifford. Martin purchased the plant from Mr. and Mrs. O. V. Painter.—F. K. H.

Elma, Wash.—Chas. S. Smith has resigned as manager of the feed department of Minard & Co., and has been succeeded by Clyde Sandgren of Malone, who has been assistant manager. Mr. Smith will join the South Tacoma retail store of General Mills, farm service division.

Spokane, Wash.—The Inland Empire district of the Pacific Northwest Feed Ass'n will be hosts at a "no business, all monkey business" conference here either on Dec. 1 or Dec. 8, whichever date is preferable to the members. Jack Finch, district governor, has requested members to vote on the matter.

Cornelius, Ore.—The Dugdale Nut Processing Co. has added grain drying and is equipped to dry grain in the sack.—F. K. H.

Spokane, Wash.—Dalter R. Austin, 56, district manager for the Sperry Flour Co. for 19 years and well known thruout the Inland Empire, died in his sleep of a heart ailment the night of Sept. 28 while on a business trip to San Francisco.

Vancouver, Wash.—The Columbia Feed & Fuel Co. is building a one-story L-shaped clay tile warehouse that will include office and retail space, Geo. Walter, local manager, announced, at a cost of about \$15,000. Heinrich & Beedle have the contract.

Kent, Wash.—Al Bayford, owner and operator of Sunrise Feed Mills, has entered into a partnership with J. Monk, owner and operator of Thomas Feed & Fuel, Thomas, Wash. The new firm will operate under the name of White River Feed & Fuel and will continue to serve the same area and customers formerly handled by the two firms.

Eugene, Ore.—Pacific Co-operative Poultry Producers has under construction here a concrete 250,000-bu. storage capacity feed mill, to have a production capacity of 300 tons daily. Jones-Hettelsater Const. Co. has the contract. Dan G. Earle, local manager for the co-operative, stated it is hoped to have the building completed within about six months. Next spring an egg handling and storage unit will be built.

Portland, Ore.—The local plant of the Archer-Daniels-Midland Co. has been leased by the Washington Co-op. Farmers Ass'n, Seattle, Wash, formerly known as the Washington Co-op. Egg & Poultry Ass'n, which also owns a soybean crushing plant at Mankato, Minn. The plant has been operating on flaxseed. Insufficient supplies of flaxseed to keep it busy was given by Archer-Daniels-Midland Co. as the reason for leasing. The plant will be switched to soybean by the lessees. The local plant, equipped with expellers, has a capacity of 8,000 bus. of flaxseed a week, but the capacity will be somewhat lower on soybeans.

PENNSYLVANIA

Smithsburg, Pa.—Eastern Grain Growers, Inc., have built a refrigeration locker plant here.

Newton, Pa.—Geo. Britton, 56, and Frank Dolheney, 43, employees of the Co-operative Ass'n, were injured seriously Oct. 2 when they were buried beneath several tons of feed. They were piling feed in 200-lb. bags when the stack collapsed.

Berwick, Pa.—A. J. Balshi, operator of feed and flour mills at Catawissa and Roaring Creek, has taken over, renovated and is operating the former Community Feed Mills, Inc., where operations were suspended some time ago when feed supplies could not be obtained. The new owner has installed new mixing machinery and will increase production as materials become available.

SOUTH DAKOTA

Canistota, S. D.—The Canistota Grain Co. is being dissolved.

Hecla, S. D.—The Hecla Co-op. Elevator Co. is installing a 30-ton scale in its driveway.

Dell Rapids, S. D.—A customer's truck went thru the scale platform at the Gillette Elevator recently.

Madison, S. D.—Howard Schultz has resigned as Lake County Extension Agent and after Nov. 1 will become manager of the new feed and seed store at Wenk Bros.

Sioux Falls, S. D.—A corn and soybean school will be held here Oct. 19, sponsored by the Northwest Crop Improvement Ass'n. Similar meetings were slated to be held at Mitchell, S. D., Oct. 19; Watertown, S. D., Oct. 20.

SOUTHEAST

Richmond, Va.—General Mills, Inc., a Delaware corporation, has been chartered to do business in Virginia.—P. J. P.

Stevensburg, Va.—Joseph Thos. Norman, 81, owner and operator of Norman's Mill, died at his farm home Oct. 6.—P. J. P.

Kenova, W. Va.—A warehouse owned by B. C. & C. McGinnis was destroyed by fire together with its contents on Oct. 17.

Greenville, Miss.—The Quaker Oats Co. has completed the grading on the site on Highway No. 82 near here where it is planning to erect a grain elevator.—P. J. P.

Clarksdale, Miss.—Work on the new grain elevator being erected here by the Quaker Oats Co. at a cost of approximately \$200,000 is going forward rapidly and officials of the company expect it to be ready for use by spring.—P. J. P.

Harrisonburg, Va.—Rocco Feeds, Inc., has been granted an amendment by the State Corporation Commission to increase its maximum authorized capital stock from \$200,000 to \$250,000. George S. Aldhizer II is pres. of the company.—G. E. T.

Four Oaks, N. C.—Philip Henry Guerrant, 50, manager of the Oaks Milling Corp., was drowned at Carolina Beach recently when he attempted successfully to rescue from the surf a woman who was with the Guerrant family for a vacation at the beach. Mr. Guerrant exhausted himself as he sustained the woman until aid arrived.

Wilmington, Del.—Ralston-Purina Co. awarded contract to the Jones-Hettelsater Const. Co. to build a reinforced storage unit for grains and ground materials, at its local plant, at a cost of approximately \$200,000. The new storage unit will measure 50 x 96 ft. and will comprise a number of square bins. Work is already started on the addition.

TENNESSEE

Memphis, Tenn.—Frank W. Dorris, 39, foreman of the local mill of the Quaker Oats Co., died Oct. 21.—P. J. P.

Nashville, Tenn.—Southern States Co-op. will start construction here in the near future of a fertilizer plant to serve Kentucky.—G. E. T.

Obion, Tenn.—Robert A. Fox of the Fox Grain Co. was elected president of the newly-formed Obion Chamber of Commerce, at a meeting of forty business and professional men.—P. J. P.

Ripley, Tenn.—W. B. Hackett, 82, retired miller of the Ripley Mill & Feed Co., died of a heart ailment at his home Sept. 27. He had resided here over 60 years and served as a miller for over 40 years.

Nashville, Tenn.—The East Nashville branch plant of the Patton, Hatcher & Ahearn Feed Co. was damaged by fire recently. The wood framework inside the building was badly damaged but water caused a heavy loss to feed stock.

Tiptonville, Tenn.—J. W. Elliott, 71, general manager of the Mississippi Valley Dehydrating Ass'n, died here Oct. 14. He had been ill for several months but had been able to carry on his business affairs until about a week before his death.—P. J. P.

TEXAS

Lubbock, Tex.—The Standard Milling Co. recently completed installation of the Palmer Dust Control system in its plant.

San Antonio, Tex.—Erhart B. Guenther, pres. of Pioneer Flour Mills, died in Temple, Tex., Sept. 25. Internment was in San Antonio.—G. E. B.

Lubbock, Tex.—W. H. Robertson, formerly with Morrison Milling Co., Denton, now is associated with the Standard Milling Co. here.—G. E. B.

(Concluded on page 323)

Field Seeds

BOTTINEAU, N. D.—George Squire is building a seed house on lots he bought recently.

DENVER, COLO.—The annual meeting of the Colorado Seedsmen Ass'n will be held Dec. 8 at the Albany Hotel.

ATKINSON, NEB.—Earl Coxhill is planning to build a bluegrass threshing and cleaning plant to handle the 1946 crop.

HARTLEY, IA.—The Pioneer Hybrid Seed Co., of Des Moines, will erect a plant here as soon as materials are available.

MILLER, S. D.—Gerd F. Ufen of Logan Township has harvested a quarter section of Cossack alfalfa seed worth \$9,000.

HARLAN, IA.—Wilson Hybrids, Inc., has been formed with \$15,000 capital to produce and distribute seeds. A. Wilson is pres.

BENKELMAN, NEB.—The Dundy County Crop Improvement Ass'n has been organized by Virley Fish of Benkelman, and others.

SISSETON, S. D.—The building of the C. A. Okerlund seed store has been completed and the machinery will be installed by Dec. 1.

RALEIGH, N. C.—The annual meeting of the North Carolina Seedsmen Ass'n will be held at the Sir Walter Hotel Dec. 6 and 7.

BEVIDERE, ILL.—Stockholders of the Northern Seed Co. voted recently on an increase in the capital stock to \$50,000 from \$20,000.

SHREVEPORT, LA.—Lane Wilson has purchased an area 320x150 ft., costing \$50,000, for the expansion of his wholesale seed business.

AUBURN, NEB.—V. T. Heriford, for three years with the May seed store at Denison, Ia., has been appointed manager of the Earl May seed store, at this place.

GILROY, CAL.—Jas. Young, who resigned as sec'y of the American Seed Trade Ass'n, has entered the employ of the Waldo Rohnert Co., and will reside at Hollister.

DALLAS, TEX.—The P.M.A. will dispose of 2,400 lbs. of red top cane seed heavily infested with weevils, in the Dallas Engineering Distribution Center, Fair Park.

PAULS VALLEY, OKLA.—Green Bros. of Nashville, Tenn., will devote 1,000 acres in the Choska bottom area to hybrid corn production. Bon Jeffrey will superintend the project.

AROMA PARK, ILL.—Orin Bolin, former director of the University of Illinois corn breeding program, has been employed as associate corn breeder for the Lowe Seed Co.

SALISBURY, MO.—Blamberg Bros. Seed & Feed Co. has been formed by R. Lee Blamberg and G. Hartman Blamberg, pres. of the Baltimore Feed & Grain Co., of Baltimore.

BOONE, IA.—The Reid National Corn Co. of Anamosa has bought the fields and leased the buildings of the Michael-Leonard Seed Co., Fred F. Kemp, continuing as local manager.

ST. JOSEPH, MO.—The Chesmore Seed Co. has just contributed its part in lifting the face of Felix street for its betterment by installing a new front for its retail store.—P. J. P.

SAN JOSE, ILL.—Otto William Kuntz, 61, who had been connected with the W. G. Kelly Seed Co. in San Jose for a number of years, died Oct. 15 in Peoria, after a short illness.—P. J. P.

MADISON, WIS.—This year 92 per cent of all oats grown in Wisconsin was of the Vicland variety, which was developed at the University of Wisconsin only in 1941. This improved variety raised the Wisconsin oats crop from 80,000,000 bus. in 1940 to 150,000,000 in 1945.—Prof. Lawrence Graber of University of Wisconsin.

LAWRENCE, KAN.—Edward Hope, 70, who for years was traveling salesman for Barteldes Seed Co., died Oct. 17 at the University of Kansas hospital in Kansas City, Kan.—G. M. H.

THE BROMEGRASS-SEED crop is forecast at 10,480,000 pounds of clean seed, compared with 14,960,000 pounds in 1944; 8,470,000 pounds in 1943; and 9,080,000 pounds in 1942.—U. S. D. A.

DAVENPORT, IA.—R. E. L. Snelson of Denver, Colo., has bought the Davenport Seed Co. of A. R. and A. L. Bruns and will operate the wholesale seed business under the name Snelson Co.

COLUMBIA, MO.—C. M. Helm, sec'y-treas. of the Missouri Seed Improvement Ass'n, reports that the total sales of certified seeds from Missouri crops produced in 1944 exceeded \$400,000.—P. J. P.

PONTIAC, ILL.—Lloyd Wilken, assistant Livingston County farm adviser, has been employed to manage the sales service of the Pike Hybrid Seed Co., distributing Lowe hybrids in west central Illinois.

MONTGOMERY, ALA.—J. S. Morgan will go into business here on his own account, having resigned the management of the Van Antwerp Seed Co., of Mobile. A. T. Bell is the new manager at Mobile.

SHENANDOAH, IA.—Three trucks loaded with seed corn and popcorn burned the night of Oct. 29 in the rear of No. 4 warehouse of the Henry Field Seed Co. Three garages, a corn mill and five coal sheds burned.

WOODLAND, CAL.—The McCrea Seed Co. of Santa Barbara was given judgment by the court recently for \$1,260 with 7 per cent interest against L. P. Henigan for overcharge in re-sacking 8,000 sacks of pink beans.

CORPUS CHRISTI, TEX.—Captain Curtis Clark, Jr., personnel officer in the Army Air Corps, has been released from service and soon will resume his position as assistant general manager of the Eastern Seed Co.—P. J. P.

BISMARCK, N. D.—Geo. J. Sauer, assistant manager of the J. G. Winter seed house at Huron, has been employed as assistant manager for the Dacotah Seed Co. Before coming to Huron he was manager of the Peavey elevators at Graceville, Minn.

MANHATTAN, KAN.—The sum of \$1,500 was received by Kansas State College, Manhattan, from the National Popcorn Co., Omaha, recently, to be used for further improving the yield, developing stiffer stalks and producing popcorn of better quality.—G. M. H.

EL PASO, ILL.—New four row corn picking machines built in the shops of Lester Pfister are being used to speed up the harvest. The pickers are mounted in front of Caterpillar tractors. The corn is delivered by 22-ft. elevators over the tractor into a truck hitched behind.

DENVER, COLO.—The directors of the Colorado Grain, Milling and Feed Dealers Ass'n authorized \$50 to be placed at the disposal of the management of the Pure Seed Show to be held in Denver after the first of the year in connection with the National Western Livestock Show.

HAVANA, ILL.—H. J. Laws, Fred Hillyard and Ernest Budke have been named a com'tee for Mason County to distribute fairly the limited amount of seed oats which Mason County has received from the agronomy department of the University of Illinois. Because of the high yield in tests plots, there is a big demand for these oats.—P. J. P.

LITTLE ROCK, ARK.—The Arkansas State Plant Board charged here Oct. 3 that a shipment of 2,050 bags of rye grass seed, shipped by the Agricultural Adjustment Agency, from Oregon to Arkansas, contained noxious weeds which were not shown on the Department of Agriculture tags attached to each bag.—P. J. P.

IMPORTS of seeds from July 1 to Oct. 1 included with imports for the corresponding period of 1944 in parentheses, included alfalfa, 1,516,900 lbs. (1,049,000); smooth brome, 822,000 (562,100); chewings fescue, 709,600 (105,100); Rhodes grass, 97,300 (none); black medick, 84,800 (none); sweet clover, 211,000 (116,000), and crested wheat grass, 171,300 (63,700 lbs.)—U. S. D. A.

WASHINGTON, D. C., Oct. 16.—Altho production of alfalfa seed in 13 states out of 22 is indicated to be smaller this year than last, the United States production is expected to be 1 percent larger than in 1944, but 1 per cent below average. The 1945 crop is forecast at 1,170,600 bus. (70,236,000 pounds) of thresher-run seed, compared with 1,157,500 bus. (69,450,000 pounds) last year, and the 10-year (1934-43) average of 1,178,790 bus. (70,727,400 pounds).—U. S. D. A.

SUDAN grass seed production this year may be the smallest since 1934. The 1945 crop is forecast at 27,000,000 lbs. of thresher-run seed, compared with 68.5 million pounds in 1944, and the 10-year (1934-43) average of 52.5 million pounds. A smaller production is indicated for each of the 8 producing states, based mostly on reports of growers the last few days of September. At that time, it was not known how much the crop was damaged by frosts that began in some areas about mid-September.

The very small production this year is attributed chiefly to the sharp reduction in the acreage planted, brought about largely by the severe drought in producing areas in Texas and New Mexico at and subsequent to planting time, and to the large carryover of seed in the United States. It is estimated that 69,500 acres will be harvested this year, only 44 per cent of the 1944 acreage (159,100), and 46 per cent of the 10-year average of 150,903 acres.—U. S. D. A.

Trumbultz Wheat

The best variety in the 1945 wheat performance test at the Southern Illinois Normal University Farm proved to be a new variety crossed between Trumbull and Fultz. The yield was 35 bus. per acre.

"Trumbultz" is a selected strain from a cross between Trumbull and Fultz. Both of these parent varieties have been familiar to wheat growers all over the northeastern quarter of the United States for more than thirty years.

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Your farmer patrons, yourself, in fact, everyone interested in the betterment of agriculture, will welcome this new book. Its 76 pages, 6x9, contain information, with illustrations of Noxious Weeds, Lawn Weeds, Poisonous Plants and aids dealers to identify noxious weed seeds. Nothing like it ever before published. Price \$1.00 plus postage.

Grain & Feed Journals

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A PERENNIAL wheat has been developed in Russia, according to the Soviet embassy at Washington, by Academician Nikoli Tsitsin, as a hybrid between wild couch grass, a weed, and wheat. The wheat-couch grass hybrids that have survived several Moscow region winters and have produced crops two or three years running without annual sowing.

Violates Federal Seed Act

The Dobson-Hicks Co., Nashville, on Oct. 23, 1945, entered a plea of nolo contendere in the United States District Court at Nashville, was found guilty and fined one cent for violation of the Federal Seed Act.

The violation consisted of delivering for transportation in interstate commerce on Feb. 3, 1943, from Nashville, Tenn., to Huntsville, Ala., 130 bags of soybean seed which were falsely and unlawfully labeled with respect to the percentage of germination.

The seed was labeled to show a germination of 90 percent; whereas, a sample representing 50 bags of the seed when tested in May 1943 was found to have a germination of 70 percent. The investigation revealed that the germination of 90 percent given on the label was not supported by the firm's records.

Federal Seed Laboratory Transferred

The Federal activities at the Federal-State Seed Laboratory, West Lafayette, Ind., are to be discontinued on Oct. 31, 1945. The responsibilities of official seed testing laboratories in seed law enforcement have gradually increased. This has been so marked in the Federal activities as to make it seem desirable to establish separate Federal seed laboratories for the purpose of the administration of the Federal Seed Act in various districts in the United States.

Mr. E. R. Clark, who is in charge of the administration of the Federal Seed Act in 10 North Central States, has been transferred to the Federal Seed Laboratory, Minneapolis 1, Minn., from which laboratory he will carry on the same responsibilities formerly conducted at the Federal-State Seed Laboratory, West Lafayette.

More Flaxseed Needed

If we are to have the linseed oil available to meet minimum consumption requirements of 800,000,000 pounds, we must import an additional 4,000,000 bus. of seed during the present crop year to make up the threatened deficit; and even allowing for such additional imports, we shall go into the year of July 1, 1946 to June 30, 1947 with minimum stocks of linseed oil and no stocks of old crop flaxseed. For that twelve-month period we are informed that 1,000,000,000 pounds of linseed oil will be required for the stepped-up manufacturing and building programs in the United States. This means that to carry out the program 50,000,000 bus. of flaxseed at least must be made available to crushers.

We are reliably informed that without an incentive payment to flax farmers or without an increase in the flax price, it would be difficult to induce farmers in the United States to grow 3,000,000 acres of seed. Three million acres would produce under average conditions not over 20,000,000 bus. of flaxseed available for crushing.

This means that we would have to depend upon Canada and Argentina for imports of 30,000,000 bus. of flaxseed. We have no record of this country's ever importing such a quantity of flaxseed and with the requirements of Europe and the United Kingdom for linseed oil, we consider that it would be impossible to secure such importations.

Consequently, if we are to get the flaxseed supplies we need, we must increase our domestic acreage.—T. L. Daniels of Archer-Daniels-Midland Co.

Alta Fescue

A new pasture grass, alta fescue, shows promise of becoming an important grass for Missouri. It appears to be adapted to a wide range of soils and conditions including good and poor land, dry and wet land, sandy and heavy land. Because of its heavy rooting habits after it is well established, it forms a good sod for erosion control.

It is quite drought resistant and should make an excellent late fall and winter pasture altho it is less palatable than bluegrass. The yield of seed is not high but can be harvested with a combine.

Early September is the recommended time for seeding on a well prepared seed-bed.

There will probably be a good demand for a limited amount of this seed during the next few years so that a few growers should find it a profitable seed crop. Most of the seed at the present time is being produced in the Pacific Coast states with Oregon producing the most.—Missouri Seed Improvement Ass'n.

Grass Seed Regulation Changed

A number of changes in the regulation for legume and grass seeds, designed to prevent evasions of price ceilings and to clarify the provisions affecting the country dealer Nov. 7 by the Office of Price Administration.

In making sample tests of the quality of legume and grass seeds by the use of certain combinations of screens, there is a residue of inert matter, weed seeds and grass seeds left underneath the bottom screen. The definition of this residue, known as dockage, has been broadened by today's action, effective Nov. 14, 1945, to include all seeds of the kind being tested for dockage which are found underneath the bottom screen. This dockage test is made on the basis of a representative sample.

Previously, some buyers of legume and grass seeds reclaimed some of these seeds from the "dockage" and did not make the required discount for dockage provided under the regulation. Thus, the buyers evaded the ceilings for legume and grass seeds, OPA explained. Today's amendment will prevent this practice.

To discourage mixing of sweet clover seed with alfalfa seeds, an additional discount of five per cent is established. The new discount is based on the dollar-and-cent deduction per hundred pounds of legume and grass seeds that the regulation already provides in purity and germination discount tables. Sweet clover seed lowers the quality of the alfalfa seeds when mixed with them, OPA explained.

Today's measure also broadens the provision for a deduction of \$5 a hundred pounds of seed from the base price for sweet clover content of five per cent and above. This deduction is now applicable to any combination of alfalfa, red clover, alsike clover and sweet clover in any quality cleaned or processed seed mixtures.

Mixtures of White Dutch clover and any of the seeds covered by RMPR 471 are now included in the regulation on the same basis as mixtures of alsike clover and white Dutch clover. Previously, White Dutch clover seed was not under price control except in a mixture with alsike clover seed, thus dealers were able to evade the ceiling by adding red clover seed to natural mixtures of alsike and White Dutch clover. Today's provision applies to these mixtures regardless of the percentages of any of the components in such mixtures.

Today's measure also makes it easier for country dealers to find the provisions in the regulation that apply to them. A separate section of the regulation is now provided for the country dealers, formerly included in the part of the regulation devoted to retailers. In addition,

a number of the provisions affecting them have been rewritten for clarification.

(Amendment No. 10 to Revised Maximum Price Regulation 471—Legume and Grass Seeds—effective Nov. 14.)

Blackhawk Winter Wheat Released

A high-yielding soft red winter wheat—the first variety of this type hardy enough to stand Wisconsin conditions—has been developed by R. G. Shands, H. L. Shands and B. D. Leith of the Wisconsin Station in cooperation with the U. S. Department of Agriculture.

Seed of the new variety, named Blackhawk will be on the market in limited amounts after threshing in 1945. Fifty-four seed growers are producing about 300 acres of the crop this year.

Although one use for this wheat will be as feed, there are possibilities that it will also make a cash crop, since it has the peculiar qualities required to make good cake and pastry flour. Milling and baking trials have shown that, for this purpose, the flour of Blackhawk compares favorably with those of standard soft wheats. Blackhawk and other soft varieties do not equal hard wheats for bread flour.

Blackhawk's yielding ability is indicated by the fact that during the past five years at Madison it produced about 10 per cent more grain than Wisconsin Pedigree No. 2 Turkey, previously the best winter wheat for Southern Wisconsin.

One of Blackhawk's outstanding advantages—an important factor in its yielding ability—is its good resistance to leaf rust, one of the most damaging diseases of wheat in Wisconsin.

The new variety also has good resistance to bunt or "stinking smut," and is intermediate in reaction to loose smut. It possesses a mild degree of resistance to stem rust, apparently enough to protect it against serious damage from this disease in most years.

Indications are that Blackhawk wheat is well adapted to the southern half of Wisconsin. More tests are needed to determine its usefulness in the northern part of the state.

Blackhawk is a bearded winter wheat with white chaff and with red kernels that are soft or semi-soft in texture. It is similar to Pedigree No. 2 Turkey wheat in both winter-hardiness and strength of straw. It matures about one day later than Pedigree No. 2, 10 days earlier than Vicland oats, and two weeks earlier than Henry spring wheat. It should be sown at the rate of about 1½ bus. to the acre.

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Blackhawk originated from a cross made at the Wisconsin Station in 1930. One parent was an Indiana selection from the Fultz variety, which contributed leaf-rust resistance although it was not itself a desirable wheat for Wisconsin. The other parent was the well-known Minturki, a semi-hard red winter wheat of Minnesota origin, a variety with many good qualities but susceptible to leaf rust.

In the years following 1930, seed from single plants of the Fultz-Minturki cross was planted in individual rows, and selections made on the basis of desirable agronomic type, soft red kernels, winter-hardiness, and resistance to diseases. By 1938 the desired characters were combined in a true-breeding condition in one single-plant row, the progeny of which now is the Blackhawk variety. Since 1938 the variety has been run through trials on both nursery and field scales, and the seed increased to a point where it was possible to supply seed growers in the fall of 1944.

Fairfield Wheat Stands Up

Experiment station tests of the Fairfield wheat widely grown in northern and central Indiana continue to show certain qualities in comparison to all other widely grown soft wheat varieties tested in recent years.

Fairfield, a comparatively new variety which was bred and developed at the Purdue University Agricultural Experiment Station, has demonstrated its ability to stand and its excellent adaptation for combining, according to many reports received by the University agronomists. While parts of fields of other wheat went down under the extremely favorable growing conditions, Fairfield showed greater strength of straw and more ability to stand under high fertility conditions than most varieties grown in the state. These choice qualities make it particularly adaptable to combining. Non-shattering qualities along with the nice position in which the heads are held for combining are two of its valuable characteristics.

High yields, however, are being reported from all varieties used, due to the excellent 1945 growing conditions; the snow protection of last winter, and the moderate fluctuation in temperature combined with the very high nitrogen level. Thorne, the new Ohio wheat, has yielded well, but lacks the winter hardiness of Fairfield.

Supply Trade

ST. LOUIS, MO.—The Oliver Mfg. Co. is building a 2-story addition, 60x60 ft., at a cost of \$15,000, to expand its facilities for making gravity separators.

LINSEED OIL deliveries to individual users now will be permitted to the extent of two-thirds of the quantity used in the previous calendar quarter, instead of one-third.

SCHENECTADY, N. Y.—Orders received by the General Electric Co. during the first nine months of 1945 totaled \$660,846,000, against \$1,094,199,000 during the like period of 1944.

WASHINGTON, D. C.—The W.P.B. has granted eight applications for priority for construction of plants to produce grain mill products, valued at \$1,035,000, during the period April 1 to Sept. 1.

"WE ARE TOLD by O.P.A. to sell new electric motors at October, 1941, prices, but labor and materials have risen 30 per cent since then. Do we have to go out of business?"—Manufacturer in Maryland.

PAXTON, ILL.—Bag Service, Inc., will move soon from its present location to a three-story building which is needed for the expansion of the company's business. The company cleans, repairs and reconditions used sacks.—P.J.P.

SIDNEY, O.—The many friends of Carl F. Berger, manager of the Sidney Grain Machinery Co., will be pleased to learn that he is recovering from a cerebral hemorrhage. After plenty of rest he expects to be back in the saddle.

OPA has given construction machinery manufacturers an interim increase of 5 per cent in their price ceilings. The increase which may be passed on to buyers at various levels, will apply to cranes, dredges, drills, bulldozers and more than 100 other items.

PORTLAND, ORE.—W. G. Strutt, 46, milling engineer and representative of machinery manufacturers, was killed Oct. 17 in an automobile accident near Pendleton. A native of Minneapolis, he was with the Hart-Carter Co. a number of years, and two years ago engaged in business on his own account, representing also the Strong-Scott Mfg. Co. and the Day Co.

WASHINGTON, D. C.—The W.P.B. estimates during the remainder of this year and the first half of 1946 the production of conveying equipment will be at 70 per cent of the industry capacity, and the production of scales and balances at 62 per cent of industry capacity.

WASHINGTON, D. C.—It is expected that a third revision of the inventory control tables will be made in late October. In view of the frequent revisions reflecting changing conditions, W.P.B. advised industry to familiarize itself each time with the latest amendment in effect.

KANSAS CITY, MO.—R. J. Bodman has resigned, effective Nov. 15, as director and chief engineer of the Jones-Hettelsater Construction Co., to form Milling Engineers, Inc., together with J. H. McDuffie, to engage in the design and construction of grain elevators, feed mills and flour mills.

CLEVELAND, O.—Officers recently elected by the V. D. Anderson Co. for the ensuing year are: Pres., Carl W. Zies; vice-pres., R. T. Anderson; treas., A. D. Anderson; ass't treas., F. S. Freer; sec'y, B. D. Coffey; ass't sec'y, Edward Parsons. A. D. Anderson is chairman of the board.

INDIANAPOLIS, IND.—To Al Katz of the Max Katz Bag Co. went the honor of purchasing the first Victory Loan Bond of the present drive. He was in Washington, D. C., at the time, and the government sent him a photograph of himself on the portfolio of the Treasury closing the purchase with a lady seller.

WASHINGTON, D. C.—To simplify and speed the pricing of some essential building materials in localities where construction is about to be resumed, Office of Price Administration regional administrators may authorize district directors to establish uniform dollar-and-cent community-wide ceiling prices on these goods, O.P.A. said Oct. 30.

PITTSBURGH, PA.—Pending the return of Lt. Carl Nagle, now on duty in the Pacific with the U. S. Navy, H. C. McDaniel will act as supervisor of editorial service and be responsible for the Westinghouse Electric Corporation technical and trade magazine publicity. Hendley Blackmon has resigned as manager of editorial service to become electrical editor of Product Engineering.

CLEVELAND, O.—The International Ass'n of Electrotypers and Stereotypers, Inc., has filed answer to the complaint that the Ass'n has devised and promulgated standard scales of prices which, by agreement, have been adopted and used by the state and regional associations and their members and by nonmembers. The prices so adopted, the complaint alleges, are not based upon and do not reflect divergent costs of production.

DULUTH, MINN.—About 150 persons attended the 4th annual convention of the Northwest Weights and Measures Ass'n held in Duluth Oct. 19-20. M. C. Ilstrup, Minneapolis, state inspector of weights and measures and president of the association, led the general discussion. C. C. Neale, Fort Wayne, Ind., was the speaker at the evening dinner meeting on relation of weights and measures to industry. Association members are composed of men who install, repair and inspect, weighing and metering devices of all kinds. An afternoon session wound up the convention.—J. G. C.

TO ELIMINATE controls made obsolete by the new War Production Board rating system and the expiration of the Controlled Materials Plan, which became effective at midnight Oct. 1, W.P.B. amended Priorities Regulation 1. References to defense orders and to specific authorizations rated AA-5 were eliminated from the amended PR-1. The order of precedence of preference ratings in the regulation was reworded to read: A.A.A., M.M. and C.C., in conformity with the simplified priorities rating system established in PR-29. The A.A.A. rating is for emergencies, M.M. for military needs, and C.C. for needs of civilian industry in special cases.



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Grain Carriers

BARGE shipments of grain from Minneapolis this year to Aug. 31 amounted to 11,496 tons, an increase of 443 per cent over 1944.

SHIPMENTS of grain on the great lakes this season to Oct. 1 totaled 454,291,978 bus., or 71,500,000 bus. more than in the like period of 1944.

GALVESTON, TEX.—The railroad embargo against shipments of grain to Galveston was lifted Nov. 1, but remained in effect against Houston, on account of a strike of longshoremen.

GRAIN and grain products were loaded into 57,484 cars during the week ending Oct. 27, against 55,721 cars during the like week of 1944, as reported by the Ass'n of American Railroads.

OMAHA, NEB.—The state could use three or four times as many box cars as it is getting. Outstate elevators are filled up and unless more cars are made available much of the 1945 corn crop will be piled on the ground.—D. O. Aller, pres. Grain Exchange.

TO KEEP in line for such cars as may become available grain shippers are urged to order box cars daily; and if the elevator is blocked state this fact on the written order. Under Revised Service Order 244 the first available cars go to blocked elevators.

FREIGHT LOSS and damage payments made by the railroads of the United States and Canada in 1944 totaled \$59,756,336, an increase of 42.1 per cent over the preceding year, Lewis Pilcher, sec'y of the Freight Claim Division of the Ass'n of American Railroads, announced Oct. 3.

CHICAGO, ILL.—In winding up the affairs of the Middle Lakes Grain Committee it was decided to refund to the 61 contributing firms 75.11 per cent of their contributions. Total amount received by this committee was \$2,953.39, and the expenses totaled only \$735.07, leaving a balance of \$2,218.32 to be refunded.

TACOMA, WASH.—The Pacific northwest shippers advisory board has given its approval and support to a move to repeal the O.D.T. ruling requiring maximum loading of box cars as soon as adequate number of cars are available, according to President Harry Smith of that body. At a quarterly meeting here, delegates to a forthcoming national convention were given such instructions. Added costs to manufacturers were given as a reason.—F.K.H.

THE INTERSTATE Commerce Commission issued Amendment No. 9 to Service Order No. 68, effective Aug. 18, to provide freight charges on overloaded cars. The Commission by a recent order has authorized the carriers to apply the basis for the adjustment of freight charges retroactively to cover all shipments for which the cause of action accrued on or after July 3, 1943, where such an adjustment will result in reductions from charges which were originally assessed.

BUFFALO, N. Y.—Great Lakes vessels in Buffalo's winter grain storage fleet this year will be one of the largest in recent years, holding between 20,000,000 and 25,000,000 bus., the Lower Lakes Grain Com'tee estimated at a meeting held Oct. 23 in the Buffalo Corn Exchange offices. The estimate compares with 22,304,560 bus. held in storage here last year in 70 boats and with 16,715,846 bus. stored here in the winter of 1943-44 in the holds of 61 vessels. The com'tee estimates there are still 83,000,000 bus. of grain to be moved down the lakes to lower lake ports, Buffalo, Erie, Toledo and Oswego, before the close of navigation. This figure includes grain both for immediate unloading and for winter storage. Some 225,000,000 bus. already have been received at lower lake ports this year.—G. E. T.

CHICAGO, ILL.—The Rock Island is planning to put into operation fast freight trains hauled by specially designed diesel electric locomotives and equipped with radio.

SPRINGFIELD, ILL.—More than 500 box cars are needed in this area to relieve the car shortage. Grain elevators at Bradfordton, Mechanicsburg, Pleasant Plains, Cantrill, Rochester and Williamsville, have been hit by the shortage of grain cars. Operators claimed that they have been able to get only a small per cent of the number of cars that are urgently needed.—P. J. P.

EFFECTIVE Nov. 1 and continuing to Nov. 28 the Ass'n of American Railroads has ordered that 10,000 cars owned by the western railroads be returned by the eastern and southern lines. It is ordered that box cars may be loaded only to the direction of the owning railroad. For several months past too great a percentage of cars owned by the granger railroads have been on the eastern lines.

MINNEAPOLIS, MINN.—The C. G. W. was ordered to equalize loads and empties with lines bringing grain into Minneapolis. The check shows Aug. 13 to Oct. 25th C. G. W. delivered to G. N. 411 cars more than received and to N. P. 160 cars more than received but C. G. W. still owes C. M. St. P. & P. M. & St. L. and Soo Lines a total of about 700 cars.—Frank B. Townsend, Director of Traffic, Minneapolis Traffic Ass'n.

WASHINGTON, D. C.—The interstate commerce committee of the House has begun hearings on the Bulwinkle bill to relieve the railroad companies from prosecution under the anti-trust act when their agreements have been approved by the Interstate Commerce Commission. Although fought by the Department of Justice this bill should have the support of shippers, since it removes an uncertainty. Unquestionably the Interstate Commerce Commission is better qualified to judge the fairness of a rate than is the Department of Justice. The railroads have been using the conference method of agreeing upon a rate, not to gouge the shippers, but to give each road a chance to get some of the business.

BETWEEN the two wars, considerably more than ten billion dollars of railroad money was spent for additions and betterments to plant and equipment. In that period, the average railroad investment went up from about \$10,000 to \$20,000 per man employed. Largely because of the better "tools" provided by this doubled investment per worker, the men themselves received an average hourly wage double that of the first World War; the nation received better services at freight rates no higher now than they were before the recent war; and the Federal government received an average of nearly \$4,000,000 a day in railroad taxes, in contrast to a deficit of nearly \$2,000,000 a day resulting from Federal operation of railroads during the first World War.—John J. Pelley, pres. Ass'n of American Railroads.

CINCINNATI, O.—The Ohio Valley Shippers Advisory Board will meet Dec. 13 and 14 at the Netherlands Plaza Hotel.

Reasons for the Car Shortage

H. B. Lautz, general manager of the eastern lines of the Atchison, Topeka & Santa Fe Ry., informed Governor Schoepel of Kansas that all car loadings are 18 to 20% less than a year ago, but the box car loadings are up 10%. There has been a sharp shift in use of tank, flat and coal cars in the last few months. While the Japanese war was still on the Santa Fe was bringing 300 to 350 empty box cars a day back from the Pacific coast. Now the average is only 60 a day.

J. J. Mahoney, superintendent of transportation, estimated that back orders for box cars had increased 75 per cent in recent weeks due to the labor shortage. The shift to the 40-hour week had increased the turn-around time an average of 1.9 days per car. That is, a car loaded at a western Kansas point and moved to Kansas City or to St. Louis and returned required almost two days more now than 90 days ago.

Increased Demurrage Charges on Box Cars

Interstate Commerce Commission Service Order No. 369 provides as follows:

Demurrage charges on BOX cars: After the expiration of the free time (48 hours) allowed by tariffs lawfully on file with this commission, the demurrage charges on a box car held for loading or unloading which is not loaded or unloaded within the free time shall be—

- \$2.20 per car per day or a fraction thereof for the first 2 days;
- \$5.50 per car per day or a fraction thereof for the third day;
- \$11.00 per car per day or a fraction thereof for the fourth day, and
- \$16.50 per car per day or fraction thereof for each succeeding day.

Average Agreements will be continued in effect subject to the limitation that only two debits may be offset with credits and two credits will be required to offset each debit.

Intrastate—The provision of this order shall apply to intrastate as well as interstate traffic.

NOTE: Service Order No. 369 does not apply to export, import, coastwise or intercoastal traffic.

In addition to the above, the Commission issued Service Order No. 368 effective at all points, including ports, where the carrier has a duty, responsibility, or obligation to unload freight. Under this order the railroad is required to unload all freight held in box cars within 10 days after the arrival at such holding points. Service Order No. 368 also becomes effective at 12:01 A. M. Thursday, and is subject to general or special permits which may be issued by the Interstate Commerce Commission Bureau of Service. Effective Nov. 15 to Dec. 15.—I. M. Herndon, Manager Transportation Dept., Chicago Board of Trade.

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Feedstuffs

BROOKLYN, N. Y.—The P.M.A. will dispose of 179,000 lbs. of corn grits unfit for human consumption, at the Bowne Morton Stores.

BREWERS dried grains production during September amounted to 20,700 tons, against 19,500 tons during September, 1944, as reported by the U. S. D. A.

DISTILLERS dried grains production during September amounted to 28,700 tons, against 45,000 tons during September, 1944, but for the 12 months ending September production amounted to 633,300 tons, against 443,900 tons for the preceding 12 months, as reported by the U. S. D. A.

WASHINGTON, D. C.—Ceiling prices on millfeed are the same regardless of packing in cotton or burlap bags, altho the cost per ton is 60 cents more in cotton bags. It is only when a sale is made below the ceiling that the seller can add the extra cost of sacking to meet the specifications of the buyer.

DR. E. CLIFFORD WILLIAMS has been appointed vice pres. in charge of research for the Schenley Distillers Corporation. He has been director of research for General Mills, Inc., and two other large corporations. He was awarded the Walker medal of the American Institute of Chemical Engineers.

BY TRYING various foods which we knew to be high in the amino acids which beans lack, we discovered that, by adding 10 per cent of sunflower seed to the beans, we could increase their protein efficiency 100 per cent. Wheat germ and corn germ produced similar results, although in not quite so high a percentage.—Dr. Paul R. Cannon, University of Chicago.

RALEIGH, N. C.—Altho a feed company said its product contained cottonseed meal, peanut oil meal, and soybean oil meal, none of these contents was found. We are fully cognizant of the feed ingredient situation, especially the shortage of protein; but we cannot tolerate the deletion of the valuable ingredients.—D. S. Coltrane, assistant commissioner of agriculture.—G. E. T.

DALLAS, TEX.—The southwest regional office of the P.M.A. has available a large quantity of storage potatoes for live stock feed, located at Fort Worth, Tyler, Waco, San Antonio and Taylor, Tex.; Wichita and Independence, Kan.; Fort Smith, Bentonville, Little Rock and Nashville, Ark.; Canon City, Walsenburg and Colorado Springs, Colo.; McAlester and Tulsa, Okla.

SCOTTSBLUFF, NEB.—Dehydrated potatoes from the Mitchell sugar factory proved superior to grain as feed for lambs at the Scottsbluff experiment station. The lambs fed the grain ration made a daily gain of .32 of a pound, those fed with the half potato, half grain ration gained .34 of a pound, those fed with the ration of two-thirds potatoes, one-third grain gained .40 of a pound daily.

THE FEED GRAIN SUPPLY situation will not be as favorable in Kansas as for the nation. Kansas corn production is estimated at about two-thirds as large as a year ago, oats production three-fourths as large, and barley and grain sorghums production at less than half of last year. This indicates that the Kansas supply of grain per animal unit may be about three-fourths as large as last year, or about the same as in the spring months of 1943 and 1944 when serious shortages occurred. Feed wheat, except that fed out of farm bins, will not be available to supplement the feed grain supply.—Kansas State College.

SYRACUSE, N. Y.—The Dairymen's League Co-operative Ass'n voted Oct. 18 to urge Congress to provide for continuation of feed subsidies to dairymen after Mar. 31, 1946.—G. E. T.

MADISON, WIS.—The United States Supreme Court has again denied the Wisconsin Alumni Research Foundation a review of the decision invalidating its three patents on the production of vitamin D.

LEXINGTON, KY.—Feeders who have been very successful in using distillers grains made from corn are reported to have found that the distillers changed to wheat grits the feed was so deficient in vitamin A that the cattle became blind and paralyzed. The condition was corrected by feeding shark liver oil.

Editors Entertained by Ralston Purina

Donald Danforth, pres., and E. G. Cherbonnier, vice-pres., of the Ralston Purina Co., entertained the editors of 22 farm and trade journals at an informal dinner given at the University Club, St. Louis, Mo., Oct. 16.

Next day the editors were taken on a tour of the 544-acre experimental farm operated by the company since 1926 at Gray Summit, 45 miles from St. Louis. A chicken dinner was served at the farm at noon. Evening dinner was again at the club.

Tuesday the editors viewed the manufacturing facilities, research laboratories and general offices at the St. Louis plant, and the technicolor film showing how the dairy cow makes milk.

Pres. Donald Danforth recently celebrated his 25th anniversary with the company. Mr. Danforth is sec'y of the American Youth Foundation, a trustee of Princeton University and of Berea College and a director of the St. Louis Chamber of Commerce.



Donald Danforth, St. Louis Mo.
Pres. Ralston Purina Co.

Mineral Feed Men Meet

The National Mineral Feeds Ass'n, Inc., held a meeting Oct. 15 and 16 at Des Moines, Ia., the leading topic of discussion being the requirements under a new regulation of the Ass'n of Feed Control Officials, as follows:

"Formula feeds containing drug ingredients for the claimed cure, mitigation, treatment or prevention of disease or ailment, or to affect the structure or any function of the body shall be labeled to show in addition to other information required by feed laws: (a) the quantity, proportion or percentage of each therapeutically-active ingredient or agent; (b) adequate directions for use, and (c) adequate warnings against use under those conditions in which its use may be dangerous to health. (The term 'drug' as used herein does not apply to any vitamin, mineral or other substance that is added solely to prevent nutritional deficiencies.)"

Members of the Ass'n said they would like to know the intent of feed control officials in applying the regulation where the manufacturer claims only nutritive properties or dietary aid.

The question of what is a food and what is a drug, for the purposes of the regulation, was discussed.

Paul Jams, director of the control division of the Kansas State Board of Agriculture, spoke on the application of the regulation.

Officers elected for the ensuing year are, pres., Lyle Palmer, Oelwein, Ia.; vice pres., W. A. Ruehlman, Council Bluffs, Ia.; treas., H. A. Marshall, Atlantic, Ia. One new director was added to the board, C. C. Kenworthy, Shenandoah, Ia. The sec'y is Peter Janss.

Feed Conserved by Distillers

By EVARTS SPEED, JR., head of grain department of Brown-Forman Distillers Corporation

There seems to be a great misconception in many minds concerning the amount of grain the distilleries use as in comparison to the net results and benefits to cattle and poultry growers in this country from the recovery products of such grain.

Extensive research and experiments have proven that distillers dried grains and solubles have approximately 3.7 times the feeding value of the natural grains. The only thing the distiller uses OUT of the grain is the starch content. All of the fats, proteins, and oils in the grain, plus the vitamins from the yeast, added by the distiller, are retained in the concentrates. And this concentrate has greater nutritional value when fed in a balanced diet than the straight grains.

In a recent 112-day feeding experiment of the Ohio State University Research Foundation jointly with Brown-Forman, a study of concentrate rations showed that 600 pounds of distillers dried solubles were used, successfully and very satisfactorily, to replace 440 pounds of 41% soybean oil meal, 80 pounds of corn meal and 80 pounds of ground oats.

Other experiments have proven that if two bushels of corn, out of 10, are fermented and made into alcohol and the dried grains and solubles fed to cattle, the net results will show more gain than if the 10 bushels of grain were fed originally.

To show that nothing is wasted in the Brown-Forman distilleries at the Old Forester and Early Times Distilleries this past year, ending in August, 1,911,666 bus. of grain were mashed for industrial and beverage alcohol. Out of that 312,643 bus. of dried grains and solubles were recovered. But in protein value that same 312,643 bus. represents the equivalent of 1,156,000 bus. of raw grains, such as wheat, barley, rye and corn.

This grain recovery is of course in addition to the 3,977,000 gallons of industrial alcohol, used in war plants, and 1,500,000 gallons of beverage alcohol which we made during government granted holidays. The mash used was predominantly wheat grits on which recovery is lower than would have been realized had Brown-Forman been allowed more corn.

At the Labrot and Graham Distillery, a Brown-Forman subsidiary, during the same period, 363,773 bus. of grain were mashed, of

which only 48 per cent was corn. From this 1,323,000 proof gallons of high wines were produced for government alcohol and 342,000 gallons of beverage alcohol. Recovery from this period was 33,000 bus. of distillers light grains, but in addition a monthly average of 226 steers, 50 sheep and 96 hogs were fed on the residue on the Distillery's farm.

Grain Trade News

(Continued from page 317)

Wichita Falls, Tex.—The Pitman Grain Co. is enlarging its feed manufacturing and distributing facilities in response to the heavy demand it has had for its line of fortified feeds. A new pelleting machine has just been installed in order to take care of increased demand for fortified range cubes. Additional mixing equipment has also been installed.—J. R. Mc.

Galveston, Tex.—New records in the loading of wheat for export were made here in September. The S. S. Eldridge Gerry loading at Galveston Wharves' Elevator "B" took on 281,000 bus. of grain in 13 hours and 40 minutes starting Sept. 20; on Sept. 20 to 25 the steamer Richard Randall was loaded with 318,000 bus. in a period of only 15 hours, 10 minutes.

Banquete, Tex.—The Banquete Grain & Elevator Co-operative, which got a late start in the construction of its plant, nevertheless had a successful season and showed a net profit of almost \$5,000 during the last grain season, W. F. London, pres. of the organization, announced. At the close of the season the co-op. proceeded to push completion of its 90-ft. elevator but some delay was encountered for various reasons. The structure will be built of tile and concrete. Besides the elevator there will be two storage tanks for grain. It also is proposed to erect a home for the manager on the ground belonging to the company.—P. J. P.

Dallas, Tex.—The Frito Co. will build a 110-ft. tall elevator, warehouse and storage plant adjacent to its present building with completion slated for next August. The new plant will cover an area of about 10,946 sq. ft., with receiving bins and elevator pit 25 ft. below the ground's surface. W. A. Barber Const. Co. is contractor; plans are by Eugene Davis. The elevator will supply corn for the Frito plants located in Los Angeles, Tulsa, Houston, San Antonio and here. The machine shop to be included in the improvements will be one of the most completely equipped in the locality, and will be used in making Frito processing equipment, as well as in maintaining the upkeep of the machinery already in use, E. B. Doolin, in charge of production, stated. This month marks the 14th anniversary of the company. Other expansion plans include the erection of a potato processing plant in Greeley, Colo., which plant will be completed the latter part of October.

UTAH

Tremonton, Utah.—Ervin Stohl, local grain dealer, recently completed construction of a modern office building.

WISCONSIN

Sussex, Wis.—The Nettleshiem & Otto Co. elevator was damaged by recent high winds.

Muscoda, Wis.—Floyd Flemming has opened a feed mill in the rear of the Young warehouse.

Sheldon, Wis.—The Sheldon Co-op. Services will build a feed warehouse. Plans have been approved by the State.

Frederic, Wis.—Gus Johnson, formerly manager of the Apple River Feed Store, is new manager of the Farmers Co-op. Exchange.

Belgium, Wis.—M. R. Uselding has received his honorable discharge after two years of service in the South Pacific, and is joining his brother, Arthur, in operation of the Uselding Feed Mill.

Lancaster, Wis.—Wm. Lorenz, Sr., 80, operator of a feed and grain business for almost 50 years until he retired a few years ago, died recently.

New Franken, Wis.—John J. Basten, 74, who operated a feed and grain business with his general store since 1903, died Oct. 5 after several weeks' illness.

Pound, Wis.—The Farmers Equity has purchased the grain elevator of the Kewaunee Grain Co. and has started repairing and remodeling the building, getting ready for operation.

Boscobel, Wis.—The Grant County Farm Co-op. bought the Wisconsin Valley Mill from Mrs. Wm. Zimmerman. Otto Brechler, manager of the mill for several years, will continue in that position.

Campbellsport, Wis.—Fire the night of Oct. 12 destroyed the grain elevator and office building of the Bauer Bros Co. A large supply of flour, feed and approximately 5,000 bus. of grain, much of it lost in the fire was valued at \$30,000 by Floyd Bauer, company president.

Milwaukee, Wis.—Fred W. Upham, 75, a retired grain broker and member of a pioneer Milwaukee family, died at his home here Oct. 15 after a lingering illness. He had been a grain broker here and at Winnipeg, and for many years had been a member of the Milwaukee Grain and Stock Exchange.—P.J.P.

Milwaukee, Wis.—A large car of new-crop barley, gross weight 154,900 lbs., containing 3,227 bus., was unloaded here recently and was sold to Schreier Malting Co., Sheboygan Wis., for gross proceeds of \$4,421.10. The car originated in Wessington Springs, S. D., from J. Neurath Grain Co., and was consigned to the W. M. Bell Co., who sold it to La Budde Feed & Grain Co., who bought it for Schreier.

Milwaukee, Wis.—The Archer-Daniels-Midland Co. has leased its local plant to the Co-op. G.L.F., Ithaca, N.Y., which will switch operations of the plant, which have been on flaxseed, to soybeans. The local plant, using the hydraulic process, can crush 15,000 bus. of flaxseed weekly, but this capacity will be somewhat lower on soybeans. Insufficient supplies of flaxseed was given as the reason for leasing the plant, by Archer-Daniels-Midland Co., Minneapolis, Minn.

Waukesha, Wis.—The J. L. Davies & Sons feed mill has been purchased by Geo. H. and Roland L. Reinders, Elm Grove, who took possession of the business Oct. 1. As Reinders Bros. the new owners have been in the feed manufacturing business at Elm Grove for the past 20 years. The local plant will be known as Old Elm Mills, and Harry S. Butcher, who has been associated with the Reinders for 17 years, will be manager of the plant. Some improvements and change in the building and equipment are planned for the future. The mill will carry a full line of cattle and poultry feeds and will offer a complete feed grinding and mixing service. J. L. Davies & Sons operated the plant for the past 15 years.

Tight Feed Situation Possible

By Dr. L. C. CUNNINGHAM of Cornell University

Altho the 1945 corn crop is the fourth successive 3-billion-bushel crop, the amount to be harvested for grain is actually 8 per cent smaller than in 1944. The 1945 oat crop is the largest on record, barley slightly smaller than last year, and grain sorghums considerably smaller than 1944's large crop. Com-

bined production of these four feed grains this year is just about equal to 1944 production.

On the other hand 22 per cent more corn was used on farms in the July-September quarter than a year ago; use of oats was even greater. The drain has been tremendous. Production of oil meals will about equal last year's production, and the high-protein feed scarcity will continue during the 1945-46 feeding year.

Hogs have been marketed at 25 per cent heavier weights than a year ago, and still continues. The poultry business was re-expanded in 1945, and about 25 per cent more chickens and 22 per cent more turkeys were raised this year than last. It appears that the number of layers this winter will exceed that of a year ago by about 5 per cent.

The feeding of concentrates to dairy cows has been heavy. On Oct. 1 grain feeding per cow on farms of crop correspondents was 7 per cent heavier than a year ago.



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Badger Meeting Sets Record

The Central Retail Feed Association set an all time attendance record when 1032 feed and allied dealers registered for the 20th annual Victory Convention at the Schroeder Hotel, Milwaukee, Oct. 29-30.

PRES. FRED H. PITTELKOW, Oshkosh, called the opening session to order Monday morning in the Crystal Ballroom.

CARL A. HOULTON, Pres., Milwaukee Grain and Stock Exchange, extended the delegates a hearty welcome.

PRES. PITTELKOW responded and briefly summarized the Ass'n's activities the past year.

B. J. LOGAN, Westby, submitted his treasurer's report reflecting the Ass'n's healthy financial condition.

SECY. DAVID K. STEENBERGH, Milwaukee, delivered his annual report as follows:

Secretary Steenbergh's Annual Report

President Fred H. Pittelkow has told you something about the work our association has been doing for you during the past year and tomorrow you will hear more on the same subject from Paul Gebert Jr. of Merrill, Wis. Mr. Gebert is a past president of the association and has served as our representative on and chairman of the national retail feed committee of the Grain & Feed Dealers National Ass'n. and as a member of the class B feed industry advisory committee to the Office of Price Administration.

Because of the information being conveyed by these two gentlemen, I will confine my report to a factual presentation of our activities during the past fiscal year which ended May 31, 1945 and the approximately five months of our new fiscal year which will not end until next May 31.

Our present annual convention should have been held on June 4 and 5 of this year but was postponed, because of wartime restrictions on such gatherings to Sept. 10 and 11. Finally, with the war still in progress, the directors voted to cancel the convention and hold a series of district meetings in its place. Happily for all of us, however, VJ day came sooner than was expected and on Aug. 20, by telephone vote, the directors reversed the decision, cancelled the district meetings and decided to hold a convention on Oct. 29 and 30, in accordance with which vote we are meeting here today.

This is our Victory convention and the 20th annual meeting of this association. We are proud of our record of service in both peace and war and we look forward to an era of increased service to our membership in the years ahead. Officially, the war has not been declared at an end and the problems confronting the feed industry are certainly far from solved.

To keep the members of the Central Retail Feed Ass'n. informed and better able to serve their farmer customers during the past fiscal year, your executive secretary issued 16 regular bulletins comprising a total of 45 mimeographed pages. In addition, there were more than a dozen special bulletins and cards and 17 special enclosures averaging from four to 50 pages each. These enclosures included the texts of OPA regulations, forms for use in connection with OPA regulations, culling folders, production goals, feed supply estimates, etc.

During the past fiscal year, the association sponsored eight meetings of the members in various parts of the states. More than 100 dealers attended a special meeting to consider the OPA seed regulation at Milwaukee on Aug. 21, 1944 and 662 dealers attended a series of district meetings during November 1944. The district meetings were held at Green Bay, Wausau, Chippewa Falls, New Richmond, Fond du Lac, Burlington and Madison.

The directors held five meetings during the past fiscal year, all at Milwaukee. The days of

these meetings were June 6, Sept. 18 and Dec. 3 in 1944 and Mar. 5 and Apr. 23 in 1945. In addition, a meeting was held on July 30 in this fiscal year.

It would be impossible to review all the past year's work of the association without a voluminous report, but I do want to call your attention to a few of the outstanding accomplishments.

1—I believe our association may and should take considerable credit for its activities in connection with OPA regulation No. 585 which supplemented No. 378 to govern the pricing of mixed feeds. Your representatives were consulted and participated in the writing of this regulation and supplying forms to help compliance. Your association was finally instrumental in securing the exemption from the filing requirements for class B manufacturers electing to figure their margins in accordance with method one of the regulation.

2—Your association took leadership in insisting that a \$4.00 margin be permitted all retailers of grain under FPR No. 2. OPA had insisted that such margin be restricted to stores receiving and selling grain in bags. Our protests, helped by the protests of others who cooperated with us, compelled the OPA to reverse its position.

3—Outstanding achievement of our association was that, despite pressure of war, we did not forget our interest in the boys and girls who will operate the farms of tomorrow. We presented 22 awards for achievement in 4 H Club projects and three awards to 4 H Club leaders, carrying on a public service which our association started in 1937.

4—But not least, we must mention the progress which has been made in our endeavor to supply funds to build a new poultry research center at the University of Wisconsin. The main building is to be named Halpin Hall in honor of our good friend and honorary life member, Professor James G. Halpin. As of May 31, 1945, the secretary of the board of regents reported having \$21,005.00 in the Halpin Hall fund. We have added at least an additional \$1,000.00 to this fund since May 31 and we hope to reach our goal of \$50,000.00 within the next two years. The regents have promised to appropriate approximately \$250,000 to build Halpin Hall as one of the finest poultry research centers in the world.

THE MEMBERSHIP of the Central Retail Feed Association is now the largest in its history. The net increase in membership since June 1, 1944 to May 31, 1945 was only slightly in excess of ten per cent but we do believe we now have a larger percentage of all the feed dealers of our area as members of our association than can be claimed by any other similar organization serving the feed industry.

The financial condition of our association has similarly improved. The actual surplus as of May 31, 1945 was \$3,747.32, a gain of \$1,026.86 during the fiscal year. The assets include four \$1,000.00 United States war bonds which are figured at cost. Two of these bonds were purchased during the past fiscal year. The report of our treasurer, B. J. Logan of Westby, Wis. is attached.

We believe we are justly proud of the record of our association during the past year and the past 20 years, and we are looking forward to next year when our association will come of age. I hope that next year we may have a three or four day convention with displays and exhibits and all the trimmings which we have omitted in order to streamline our meetings of the past. I am proud of the friendships I have in this association and of the privilege of working for and with all of you. I hope we will continue to work together, for the good of the feed industry, for many years to come.

In conclusion, I wish to pay special tribute to the men who have served as our directors

and officers. The policy direction of our association has been their responsibility and the credit for our achievements is consequently due to them. Let's give a hand to Pittelkow, Keegan, Logan, Hunter, Helberg, Curran, Albrecht and Tesch. May their successors be chosen as wisely by our membership and serve us as diligently.

PRES. PITTELKOW appointed the following committees:

Nominations: John Becker, Monroe; Ben Logan, Westby; Edson Davis, Amery; Larry Hartzheim, Beaver Dam; Paul Gebert, Merrill.

Resolutions: H. H. Humphrey, Wausau; Morris Shurtleff, Elgin, Ill.; William Borst, Brooklyn; Al Zutter, Chippewa Falls; Ed Cashman, New Richmond.

AUDITING: James Vint, Union Grove; Al Lois, Bassett; Carl Marks, North Milwaukee.

LT. ROBERT M. HUMPHREY, A.A.F., son of H. H. Humphrey, Northern Milling Co., Wausau, related his experiences while a prisoner of war in Japan following four raids over Japan in a B-29.

PROF. ASHER HOBSON, chairman, dept. agricultural economics, University of Wisconsin, delivered an able address, on "What's Ahead For Agriculture." He summarized the trend of agricultural prices during and after World War I, and drew a parallel. He said that by mechanized farming, improved cultural practices, and a decreased horse and mule population, six million less people on farms are producing 45 per cent more food, and he predicted that production will remain at a high level. He foresaw, for the next three years, government support of farm prices accomplished by production controls, and stated that for the long pull, in addition to a high level of industrial employment, healthy substantial export markets must be built and maintained to absorb the excess production of those crops we regularly produce in excess of domestic requirements. He expressed the belief that the farmer is facing a decreasing price level on what he sells and increasing prices on what he must buy.

Monday Afternoon Session

PRES. PITTELKOW again presided. Hon. Lawrence H. Smith, Congressman from the 1st district, Wisconsin, addressed the convention on "National Affairs." After a discussion of several proposed bills he stated that the one big domestic issue is free enterprise versus state socialism; and earnestly urged the delegates to defend their freedom.

"Inflation is the second threat," he said, "the government has a responsibility to chart a course of old fashioned economy, to stop prolific spending, and attempt to balance the budget. It soon will have to eliminate subsidies as an economic factor. It will mean the application of sound business practices in government. It will become a fact when citizens insist on it."

CHARLES P. GULICK, chairman of the board, National Oil Products Co., Harrison, N. J., in his address "Industry Looks Ahead," told of the organization and operations of the Committee for Economic Development, an association of business men to provide jobs and preserve free enterprise.

He reported on a survey of that committee, and urged business men to take a keen interest in economic research and in the field of public policy, and to let their voices be heard in the interests of sound governmental attitudes and actions which will foster economic development of the country.

CARL LUTHER, merchandising counsel, Archer-Daniels-Midland Co., Minneapolis, discussed merchandising ideas.

One large mail order house, he said, has plans to open over 600 farm supply stores using feed as a loss leader to attract farmers into the stores, and other companies have similar plans. For the independent dealer he outlined a program of advertising, training, operating, and modernizing, and stressed the importance of a modern sales room with every sales item displayed and priced.

Tuesday Morning Session

PRES. PITTELKOW presided at the third and closing session Tuesday morning.

C. W. SIEVERT, American Dry Milk Institute, Chicago, talked on "Getting Formulas Up to Date" in which he reviewed feed practices during the war period and concluded that the feed industry will return to some of the fundamentals that, without choice, have been neglected, but it will consolidate these with the newer knowledge that has been developed during the war period. Feeders will not be satisfied with "get-by" feeds, but will demand the really good ones.

Balanced rations and liberal feeding paid during the war, and they will continue to pay. Probably they are even more important in peacetime than during the war.

TOM E. IBBERTSON, T. E. Ibberson Co., Minneapolis, discussed "Plant Modernization for Efficiency." He's quoted elsewhere in this number.

DR. C. K. WHITEHAIR, dept. of veterinary science, University of Wisconsin, talked on "New Drugs for Farm Animals." He discussed the uses of the sulfa group, penicillin and D.D.T.

PAUL GEBERT, JR., Merrill, an ex-president of the association and a member of the O.P.A. industry advisory committee, delivered an address "Getting Your Money's Worth."

Mr. Gebert cited numerous instances under government regulations in which the association had brought its members substantial savings, and protected private business in many cases in which individuals could not have protected their interests. He suggested an increase in dues to enable the association to extend its activities.

Business Meeting

As a result of Mr. Gebert's recommendation a motion was unanimously passed to increase annual dues from \$12 to \$18.

JAMES VINT read the report of the auditing committee which approved the treasurer's report.

H. H. HUMPHREY presented the following resolutions which were adopted:

RESOLUTIONS ADOPTED

WHEREAS, while dairy products, because of their superior nutritional value and flavor were extensively diverted from civilian use to the feeding of our armed forces, the use of various substitutes was encouraged, and

WHEREAS, the oleomargarine interests are now making a determined effort to remove the taxes and coloring restrictions now in force, in order to permit the unlimited use of oleomargarine as a substitute for an imitation of butter on the American table,

WHEREAS, the dairy industry, which is one of the fundamental branches of American agriculture and farm prosperity is thereby put in jeopardy,

THEREFORE, be it resolved that the members of this association go on record as unalterably opposed to any relaxation in existing laws designed to protect the consuming public and the great dairy industry.

WHEREAS, the shortage of protein meals has again reached a critical stage and promises to continue for many months to come and,

WHEREAS, the territory represented by this membership has been the traditional consumer of these oil meals and our livestock industry is built around them and dependent on receiving its proportionate share of these meals and,

WHEREAS, serious dislocations have developed in the normal distribution of these meals particularly linseed oil meal and soybean oil meal,

THEREFORE, be it resolved

First, that this association favors continuation and necessary increase in the incentive planting program for flax in the northwestern states.

Second, that we heartily favor the voluntary plan suggested by Walter C. Berger of the feed division of the Dept. of Agriculture and agreed upon by the processors of linseed for discontinuance of the objectionable practice of "swapping" meal for seed and for a return to distribution of these scarce price controlled meals through the previously established channels of jobbers, manufacturers and retailers on a historical quota basis.

Other resolutions expressed appreciation and

thanks to the officers of the association, speakers at the convention, and to the Milwaukee Grain & Stock Exchange and many firms contributing to the convention's success.

JOHN BECKER presented the report of the nominations committee naming to serve as directors for three years: Don Crane, Chippewa Falls; Al Lois, Bassett; F. W. Shekey, Fort Atkinson; and director for two years, Chas. F. Schneider, Readfield.

At a meeting of the directors the following officers were chosen: Pres. James F. Keegan, Richland Center; V. P., Roland C. Tesch, Chilton; Secy-Treas. Frank F. Helberg, Elgin, Ill.; Executive Secretary, David K. Steenbergh, Milwaukee.

CLYDE H. HENDRIX, vice president Pillsbury Mills, Inc., Clinton, Ia., in his address "Until We Meet Again" said: "Common problems have held members of the feed industry closely together for the past three or four years. We have accomplished much because we have worked together. If 'dog eat dog' tactics develop now that peace has returned, it will be only because we ourselves allow it to develop. If we continue to stand shoulder to shoulder and to recognize, and fight for our mutual interests, we will continue to progress and profit. There should be no objection to competition as such providing that it is based on the efficient use of good feeds.

The real competitor of the feed man is the farmer who does not feed his live stock and poultry well or does not feed them enough. There lies the big potential market for formula feeds. We must develop this tremendous new market together. We must get enough of the right information, the vital information, concerning the feed industry and the value of our products into the hands and the minds of the fellows who must use our feeds. Integrity must be the basic essential of the feed industry."

The Annual Banquet

The thousand delegates and guests at the annual banquet Monday night overflowed the Crystal Ball Room into the Green Room adjoining. An excellent turkey dinner was served.

A fine floor show was provided through the courtesy of the Milwaukee Grain and Stock Exchange and dancing lasted far into the night.

AT THE BREWERY

Blatz Brewing Co. was again host to the convention at a stag luncheon Tuesday afternoon at the brewery. Old Heidelberg flowed freely and a fine buffet lunch served.

Preliminary Treatment of Concentrates

The Lenin Academy of Agricultural Science, Moscow, gives a brief account of experiments made over a period of 4 years. A preliminary treatment of concentrates with yeast, tho it did not increase the digestibility and nutritive value of the feed, improved its palatability. Pigs consumed the yeast treated feed more willingly and in greater amounts than ordinary untreated concentrates and gave a 15 per cent greater increase in weight as compared with controls.

The same could be said regarding the malting and acid fermentation of feeds which gave an increase of from 10 to 13 per cent, and 8 to 18 per cent, respectively, in live-weight gain in comparison with controls. The cooking or scalding of peas and lentils had a similar effect, the animals giving a 14 to 20 per cent increase in weight gain. The feeding of monotonous diets should be avoided in fattening if it is to be completed in the shortest possible time with the least expenditure of food.

Kansas Will Ship in Feed Grains

Manhattan, Kan.—"Any of the four grain feeds, corn, barley, oats and grain sorghums that are shipped out of the state this fall and winter, will have to be replaced by imports next spring and summer," warns Gerald J. Brown, marketing economist at Kansas State

College. Production for 1945 of these grains will be about three million tons, according to the estimated yield on Sept. 1, which compares with five and a third million tons in 1944, he said. "With shipments of 2,000,000 tons during the feeding year beginning Oct. 1, 1944, during the spring and summer of 1945 feed grains were shipped in," said Brown.

"Next spring and summer, local prices undoubtedly will be terminal market prices plus freight and handling charges. With wheat near ceiling levels wheat could be sold and the storage space thus made available could be used for feed grains," the economist suggested. "The chances for profit from storing feed grains appears far better than profits from storing wheat in anticipation of an increase in ceiling prices."—G. M. H.

Adulteration and Misbranding

JOPLIN, Mo.—The Arkansas Hide & Tallow Co. was fined \$50 and costs on the charge of selling digester tankage which did not meet its guaranty of protein.

Ceiling on Feed in Paper Bags

Effective Oct. 31 the ceiling on sales of mixed feed in paper bags is \$1 less per ton than when packed in the same size cotton bag, the cost of cotton bags having increased more than the cost of paper bags.

Cornell Feed Conference Dec. 4-6

The annual conference for feed manufacturers will be conducted by Cornell University, Ithaca, N. Y., Dec. 4, 5 and 6.

Professors on the staff will speak on many topics.

Outside talent will include Dr. R. M. Bethke of the Ohio Experiment Station on "Special Feeding for Hatchability" and "Intestinal Synthesis of Vitamins"; J. C. Shaw of the University of Maryland, on "Relation of Nutrition to Ketosis"; and H. A. Keener of the University of New Hampshire on "Cobalt Deficiency in Dairy Animals."

Prof. F. B. Morrison will treat of protein and protein substitutes for farm animals.

Dr. L. C. Cunningham will speak on feed supplies in relation to requirement of livestock.

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Feed Plant Modernization

(From an address by Tom Ibberson, Minneapolis, before Central Feed Dealers Ass'n)

Many changes have been made in the feeding of livestock and poultry. Therefore, service to this trade calls for highly trained men with proper equipment in the manufacturing of the feeds that are needed and the service that the customer requires.

The custom feed plant operator must have quality merchandise to attract and hold desirable trade. Many operators overlook one of the most important features in any plant and that is access to and from the feed mill, as well as proper parking facilities for the customer. In designing a modern feed mill this is one of the first things to be taken into consideration. When a customer arrives at a plant he wants service in a hurry without standing in a line of customers who get out of patience if not served fast. To serve trade efficiently, machines of the proper kind and capacity must be installed so as to give prompt service.

Because of poor planning and no thought given to the service to and from these machines, many machines have been installed that are not working to the Owner's interest.

As a rule the average feed mill owner doing custom grinding and manufacturing of feeds will start out with one mill, a mixer, a small corn cracker and grader and fail to provide for expansion of any kind. He soon learns that he needs other machines such as molasses and pellet machines, crusher, pre-mixer, sifters and many other machines if he is to produce quality feeds.

Thought must be given to the flow of the stocks through the plant, allowing the operator to eliminate all the re-handling and do by gravity what is often done by hand or re-elevation, which is expensive.

A great difference develops between the plant that is manufacturing for wholesale and one that is doing custom work.

Some features common in the commercial feed plants are necessary in the country custom mills.

HANDLING feed in bulk is being discussed and very well accomplished and there are many ways of doing it. Many reasons are found why each operator should handle his products in bulk. Bulk handling speeds up production and reduces the help needed in and about the plant. It reduces power bills. At all of these plants power is required; some of the operators call it the necessary evil. For certain types of machines, because of the power rates, the operator will keep the horse power down all he can and unwittingly by so doing increase his power cost. We would have to explain individually on each problem just how this is accomplished.

Many owners complain about the dust and dirt in and about their plants and try to eliminate this nuisance. We have worked out a system that goes a long way toward eliminating this dust nuisance and is being used in the newer type plants.

In designing a plant much consideration must be given to the arrangement of the machines and the equipment to obtain the lowest insurance rate. New devices should not be adopted until they have proved their value.

In the state of Wisconsin you will find various types of equipment for handling ear corn to a Hammer mill, or a crusher. Equipment is now obtainable that will insure speed and safety in operation and timing devices which helps operators to get the most out of the plant without unnecessary power expense.

Many new valves and dust proof fittings are obtainable to help make the plant efficient. Individual fittings may be installed to meet operators' special requirements.

Some small operators hesitate to install a pellet machine. Many fine machines are on the market at this time. One manager will say, "I cannot put one of these machines in because of the steam required," because they only have a low pressure boiler. Large capacities

are now obtainable on pellet machines with a low pressure boiler and in recent months they have developed a feeding device which makes the pellet machine more efficient. Capacities are governed largely by the kind of stock that is being processed and the type of feeders to the machine.

New Mark-up on Cottonseed Meal

Effective Oct. 31 cottonseed oil mills may apply a mark-up of \$3 per ton on sales to feeders up to 20,000 lbs.

To all other buyers the mark-up on less than carload lots is reduced to \$1 per ton.

Naming Recipients of Mark-ups

Carload sellers of wheat are required by the O. P. A. to deliver to buyer an invoice giving the name of the person performing the service or taking the mark-up, by an amendment to M. P. R. 487, as follows:

Section 1.5 of second revised MPR 487 is amended by the addition at the end thereof of the following sentences: "Such statement appearing on the invoices or confirmation of purchase and sale shall indicate with respect to each of the above items, the name and address of the person performing the service or taking the mark-up, the nature of the service being performed or the mark-up taken, and the amount being added to the maximum prices. No person shall include any of the above items in his maximum price on the sale of any wheat in carload quantities unless he complies with the requirements of this section with respect to such item. The provisions of this section as to the name and address of the person performing the service or taking the mark-up shall have no application to sales in mixed cars or pool cars, sales in less than carload quantities, sales where the maximum price is determined under the provisions of Section 2.5 of this regulation, or sales where the seller's maximum price is based on a supplier's maximum price which has been determined under the provisions of such section."

Fire Hazards of Carbon Bisulphide

Highly volatile. Very low flash point. Dangerously low ignition temperature, boiling water being hot enough or nearly hot enough to ignite the vapors, and any spark at all would be almost sure to ignite them. Endothermic, and the vapors may be ignited even by a heavy blow. Very wide flammable range, any mixture of from 1 per cent carbon bisulphide in air to 50 per cent being dangerous.

Vapors heavier than air and may travel a considerable distance to a source of ignition and then flash back. The Underwriters' Laboratories classification of flammable liquids is a standard classification for grading the relative fire hazard of various flammable liquids, based on a rating of 100 for ether.

In a list of several hundred flammable liquids in the Crosby-Fiske-Foster Handbook of Fire Protection, none is rated more hazardous than carbon bisulphide. "Approved" grain fumigants carry an Underwriters' Laboratories classification of not to exceed 30-40.

The burning liquid is very difficult to extinguish. Carbon tetrachloride not recommended as an extinguishing agent, foam type extinguishers not effective, and water not effective. Sand or total flooding by carbon dioxide or other inert gas may be used with some success where available.

STORAGE (as Recommended by the Crosby-Fiske-Foster Handbook).

"Isolate and safeguard containers against mechanical injury and metallic blows, and keep in unheated compartment away from sunlight and any source of ignition, including electric lighting fixtures and other electrical equipment. Storage tanks should be constructed over concrete basins containing water, and the carbon bisulphide kept blanketed with water or inert gas at all times. Use wood measuring stick for measuring contents of storage tank."

Feed Industry of Canada

The prepared stock and poultry feeds industry is an important factor in the agricultural development of the Dominion, in so far as it relates to animal husbandry and poultry raising. In addition to the feed grown by farmers large quantities of scientifically blended feeds are produced annually by manufacturers. During the latest year for which figures are available, 1943, the output of this industry was valued at \$40,594,703. The value of the grain and other materials used totalled \$33,041,989 while the capital invested in fixed and current assets was \$15,522,877.

Employees numbered 2,231, whose remuneration amounted to \$3,334,728. There were 138 establishments reporting in this industry, distributed by provinces as follows: Prince Edward Island, 2, Nova Scotia, 1, New Brunswick, 4, Quebec, 35, Ontario, 57, Manitoba, 6, Saskatchewan, 2, Alberta, 8, and British Columbia, 23.

It should be noted that the above statistics relating to materials used, capital invested, employment, etc., refer *only* to firms reporting under the "Prepared Stock and Poultry Feeds Industry." In addition to firms whose main business consists of the manufacture of prepared stock and poultry feeds, and firms who are primarily dealers in grains and feeds but who produce considerable quantities of mixed feeds there are large manufacturers of other commodities who have important production of feeds and who report such operations separately under the stock and poultry feeds industry. But there are, also, large quantities of stock and poultry feeds which are manufactured by firms reporting under other industrial classifications, principally "flour and feed mills" and by dealers in grains and feeds not reporting under the stock and poultry feeds industry proper. Therefore, in order to obtain comprehensive statistics, a supplementary production survey of such producers has been made annually since 1939.

In this connection, use has been made of the fact that all firms manufacturing mixed feeds must register their formulae with the Plant Products Division of the Dominion Department of Agriculture, and the Dominion Bureau of Statistics has endeavored to obtain reports from all licensed firms. The total production of prepared stock and poultry feeds from all sources in 1943 totalled 915,460 tons. Of this amount 635,228 tons were reported by the stock and poultry feed industry and 280,232 tons by other manufacturing industries and retail stores mixing feeds. Compared with the preceding year there was an increase of 265,522 tons in the total production from all sources.

LEXINGTON, KY.—Carl Hudgins of Lexington was elected pres. and W. J. Simpson of Owensboro, vice pres. of the Kentucky Feed Ass'n.

ORVAL W. ADAMS, executive vice-president of First National Bank, in an address on the subject, "The Post-War Dollar," before the Underwriters of Salt Lake City recently, said, in part: "The insurance business shares with banks the responsibility of preventing the American dollar from becoming a casualty thru political action." He expressed the belief that "economic dependence upon government means the sacrifice of personal liberties" and that "a pre-requisite for political liberty is a sound fiscal policy."—J. K. H.

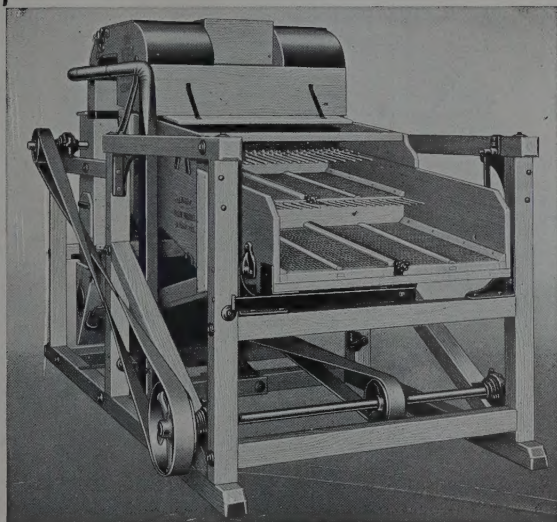
"THERE is a fair likelihood that the federal grain grades may be revised before 1946 crop moves. In that event, it would be the first change in the wheat grades in seven years or so. How extensive the changes that may be proposed by the federal authorities will not be known definitely until public hearings are called, but apparently the chief demand for revision centers upon the desirability of separating wheat varieties which are inferior for milling or baking purposes from other wheats."—Millers National Federation.

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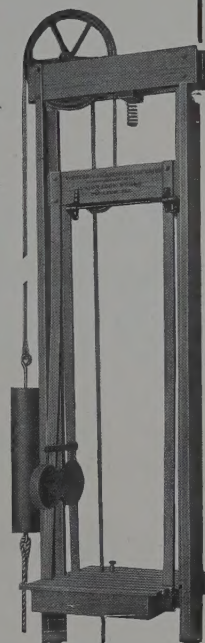


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Grain Receiving Register for recording loads of grain received from farmers. It contains 200 pages of ledger paper $8\frac{1}{2} \times 13\frac{1}{2}$ inches, capacity for 8,200 loads. Some enter loads as received others assign a page to each farmer, while others assign sections to different grains. Bound in strong board covers, canvas back. Headings of columns are: "Date, Name, Kind of Grain, Gross Tare Net, Bushels, Pounds, Price, Amount, Remarks." Weight $2\frac{1}{4}$ lbs. Order Form 12AA. Price \$2.75, plus postage.

Wagon Loads Received has columns headed: "Month, Day, Name, Kind, Gross and Tare, Net Pounds, Bushels, Pounds, Price, Dollars and Cents, Remarks." Contains 200 pages of ledger paper size $9\frac{1}{2} \times 12$ inches, providing spaces for 4,000 loads. Bound in heavy boards with strong cloth covers and keratol corners and back. Weight, 2 lbs. Order Form 380. Price, \$2.75, plus postage.

Receiving and Stock Book is arranged to keep each kind of grain in separate column so each day's receipts may be easily totaled. It contains 200 pages linen ledger paper size $9\frac{1}{2} \times 12$ inches, ruled for records of 4,000 loads. Well bound in black cloth and keratol back and corners. Shipping weight, $2\frac{1}{4}$ lbs. Order Form 321. Price \$2.75, plus postage.

Grain Receiving Ledger has 200 pages linen ledger paper and 28-page index, $8\frac{1}{2} \times 13\frac{1}{2}$ inches, numbered and ruled for 44 entries. Well bound in pebble cloth with keratol back and corners. Weight, 3 lbs. Order Form 43. Price, \$3.35, plus postage.

Grain Scale Book is designed to assign separate pages to each farmer and their names can be indexed so their accounts can be quickly located. It contains 352 numbered pages and 28-page index, of high grade linen ledger paper $10\frac{1}{2} \times 15\frac{1}{2}$ inches. Each page will accommodate 41 wagonloads. Well bound with heavy board covers with cloth sides and keratol back and corners. Weight, $4\frac{1}{4}$ lbs. Order Form 23. Price \$4.50, plus postage.

Grain & Feed Journals

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Grain Shipping Books

RECORD OF CARS SHIPPED facilitates keeping a complete record of each car of grain shipped from any station, or to any firm. It has the following column headings: Date Sold, Date Shipped, Car Number, Initials, To Whom Sold, Destination, Grain, Grade Sold, Their Inspection, Discount, Amount Freight, Our Weight Bushels, Destination Bushels, Over, Short, Price, Amount Freight, Other Charges, Remarks. Book contains 80 double pages of ledger paper, size $9\frac{1}{2} \times 12$ inches, with spaces for recording 2,320 carloads. Well bound in heavy black pebble cloth with red keratol back and corners. Shipping weight, $2\frac{1}{2}$ lbs. Order Form 385. Price \$2.95, plus postage.

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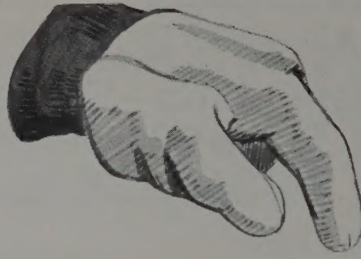
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